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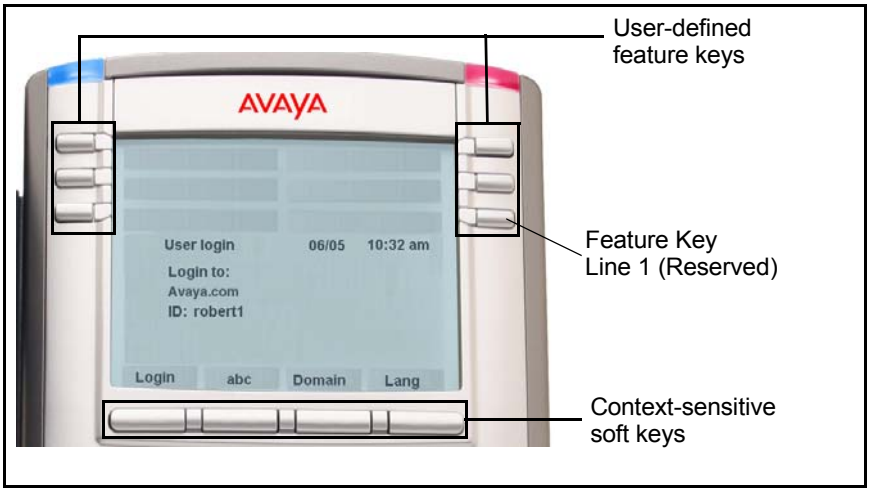
Welcome

Your Avaya 1140E IP Deskphone brings voice and data to your desktop. The IP Deskphone connects directly to a Local Area Network (LAN) through an Ethernet connection. The SIP IP Deskphone communicates using Session Initiated Protocol (SIP) after the firmware (FW) is upgraded to a SIP-enabled version.

In this guide, user-defined feature key labels appear beside the keys and context-sensitive soft keys labels appear directly above the keys. Figure 1 shows the user-defined feature keys and context-sensitive soft keys.

Figure 1: User-defined feature keys and context-sensitive soft keys



Basic features

Your Avaya 1140E IP Deskphone supports the following features:

- six user-defined feature keys with labels and indicators

  Note: The IP Deskphone designates Key 1 as Feature Key 1 and reserves it as the line key for the IP Deskphone.

- four context-sensitive soft keys

- graphical, high-resolution LCD display, backlit, with adjustable contrast
- high-quality speaker IP Deskphone
- volume control keys for adjusting the ringer, speaker, handset, and headset volume
- six specialized feature keys:
  - Quit
  - Directory
  - Inbox
  - Outbox
  - Services
  - Copy
- six call-processing fixed keys:
  - Mute
  - Handsfree
  - Goodbye
  - Instant Message Log
  - Headset
  - Hold

- headset jack with an On/Off key
- USB port to support a keyboard or mouse

  Note: Powered downstream 1.1-compliant USB hubs are supported, including USB 2.0 hubs, if they offer USB 1.1 backwards compliancy.

- automatic Dynamic Host Configuration Protocol (DHCP) network configuration
- hearing aid compatibility
- Wireless headset support using Bluetooth® wireless technology, compatible up to Bluetooth 2.1

Note: Backward compatible for Bluetooth 1.2 headsets. Simple Secure Pairing is supported with Bluetooth 2.1 compliant headsets.

- secure digits when accessing voice mail during a call

- dialing a call from the Inbox
- the capacity to attach up to three Expansion Modules for IP Deskphones 1100 Series, adding up to 54 programmable feature keys

IP Deskphone controls

Figure 2 shows the Avaya 1140E IP Deskphone.

Figure 2: Avaya 1140E IP Deskphone

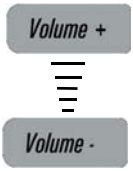
This section describes the controls on your IP Deskphone. Your IP Deskphone can have fixed keys with icons or with labels. This document presents both versions of the fixed key.

The keys on either side of the LCD display area are **User-defined feature keys**, with labels on the LCD. The system administrator can reserve some keys for specific functions during tasks and for advanced configuration.

You can define these keys for specific functions, such as Call Forward.

> ***Note:*** The key on the lower right is reserved as your default line key.

Context-sensitive soft keys are located below the display area. The LCD label above each key changes based on the active feature.



Use the **Volume control** buttons to adjust the volume of the ringer, handset, headset, speaker, and the Handsfree feature. Press the top button to increase the volume, and press the bottom button to decrease the volume.

Press the **Mute** key to listen to the call without transmitting. Press the **Mute** key again to return to two-way conversation. The **Mute** key applies to handsfree, handset, and headset microphones.

> ***Note:*** When you enable mute, a red LED on the **Mute** key remains lit.

Press the **Handsfree** key to activate the built-in speaker and microphone of the IP Deskphone.

> ***Note:*** The Handsfree LED indicator on the **Handsfree** key lights to indicate when handsfree is active.

Use the **Navigation Key Cluster** to scroll through menus and lists that appear on the LCD display screen or for text entry. The outer part of this key cluster rocks for up, down, left, and right movements. For more information, see “Navigation keys” on page 41.

Use the **Enter** key, at the center of the **Navigation Key Cluster**, to select menu items or to confirm changes.

> ***Note:*** The **Enter** key has the same function as the context-sensitive soft keys **Select** and **Set**.

Press the **Goodbye/Release** key to terminate an active call. When multiple calls are active, press the **Goodbye/Release key** to end the highlighted call.

Use the **Goodbye/Release** to close menu navigation or cancel user tasks.

Press the **Expand** key to access the Instant Messaging Log.

Press the **Headset** key to answer a call using the headset or to switch a call from the handset or handsfree to the headset.

Note: The headset LED indicator on the **Headset** key lights to indicate that the headset is in use.

Press the **Hold** key to put an active call on hold. Press the **Hold** fixed key to return to a call on hold.

You can have several calls in a hold state.

Use the **Dialpad** to enter numbers and text.

To navigate to an item in a menu, press the corresponding number on the dialpad to activate the item or continue navigate the list of items.

When you receive a voice message, the red **Visual Alerter/Message Waiting Indicator** lights. Also, when the ringer sounds, this indicator flashes.

When you receive an instant message (IM), the blue **Visual Alerter/Feature Status Indicator** lights.

Press the **Copy** key to copy contact information from one source such as the Address Book to a destination such as a feature key.

Services

Press the **Services** key to access the following features:

1. Search—search in the local directory (personal Address Book) and the global directory (network Address Book for names and phone numbers)
2. Login—log in to your IP Deskphone only when the call server supports multiple user logins.
3. Logout—log out of your IP Deskphone.
4. Check For Updates—check for the latest software update for the IP Deskphone.
5. Reset Phone—reset your IP Deskphone.
6. File Manager—manage the IP Deskphone file system and USB Devices attached to the IP Deskphone.
7. Logging System—enable or disable the logging process.
8. Phone Information—view information about the hardware and software on your IP Deskphone, including user and location information.

Press the **Services** key twice quickly to access the Network menu.

Quit

Press the **Quit** key to cancel the current operation or to exit the menu.

Note: Pressing the **Quit** key does not affect the status of active calls.

Press the **Inbox** key to access your call inbox.

The call inbox stores 50 incoming calls on an active IP Deskphone.

Note: This key does not function to send Instant Messages.

Press the **Outbox** key to view a record of all outgoing calls.

Note: This key does not function as a *shift* key.

Press the **Directory** key to access the Address Book and the Friends list.

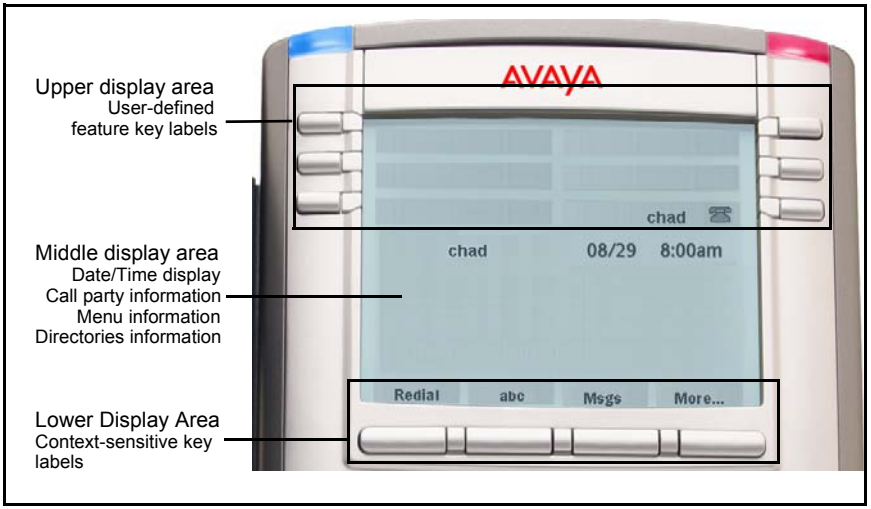
Note: You can access the Address Book while on a call and start a new call with a highlighted contact.

Avaya 1140E IP Deskphone display

Your IP Deskphone has three display areas:

- The upper display area provides line and feature key status.
- The middle display area contains single-line information for items such as caller number, caller name, menu items, feature prompt strings, user-entered digits, date and time information, and phone information.
- The lower display area provides context-sensitive soft key label information.

Figure 3: IP Deskphone LCD screen



Cleaning the IP Deskphone LCD display screen

To clean the LCD display screen, gently wipe with a soft, dry cloth.

	CAUTION Do not use any liquids or powders on the IP Deskphone. Using anything other than a soft, dry cloth can contaminate IP Deskphone components and cause premature failure.

Context-sensitive soft keys

Your IP Deskphone has four context-sensitive soft keys beneath the LCD screen. The context-sensitive soft keys access different features and menus depending on the state of the IP Deskphone and the menu you access.

Figure 4 on page 24 shows the context-sensitive soft keys while the IP Deskphone is in the idle state.

Figure 4: Context-sensitive soft keys when the IP Deskphone is in the idle state

Table 1 on page 24 lists the context-sensitive soft keys that you can use to access menu items.

Table 1: Menu items accessed through context-sensitive soft keys (Part 1 of 7)

Item	Function
Redial or NewCall	Press the **Redial** context-sensitive soft key to redial the last dialed number. If there is no stored redial number, the **NewCall** context-sensitive soft key appears and has the same effect as pressing the primary user line key (dial prompt).

Table 1: Menu items accessed through context-sensitive soft keys (Part 2 of 7)

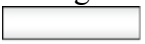
Item	Function
abc or 123	Press the **abc** context-sensitive soft key to toggle between alpha and numeric input modes. • To type letters, the **abc** context-sensitive soft key must be displayed. • To type numbers, press the **abc** context-sensitive soft key to display the **123** context-sensitive soft key on the menu list.
Msgs 	Press the **Msgs** context-sensitive soft key to access the following features: 1. Voice Mail—use to call your Voice Mail number. 2. Instant Messaging—use to access the Instant Messaging Inbox/Outbox.

Table 1: Menu items accessed through context-sensitive soft keys (Part 3 of 7)

Item	Function
More…	Press the **More…** context-sensitive soft key to select a new menu list of context-sensitive soft keys (three menu lists are available). When you press the **More…** context-sensitive soft key, a different selection of context-sensitive soft keys appears. • If you press the **More…** context-sensitive soft key once from the first menu list, you access the following context-sensitive soft keys: [CallFwd] [DND] [Presnce] [More..] • If you press the **More…** context-sensitive soft key from the first menu list twice, you access the following context-sensitive soft keys: [Prefs] [ ] [ ] [More…] • If you press the **More…** context-sensitive soft key from the first menu list three times, you return to the first menu list with the following context-sensitive soft keys. [NewCall] [123] [Msgs] [More…]
When you press the **More…** context-sensitive soft key for the first time, the following context-sensitive soft keys appear on the menu list.	

Table 1: Menu items accessed through context-sensitive soft keys (Part 4 of 7)

Item	Function
CallFwd	Press the **CallFwd** context-sensitive soft key to forward all calls to a specified address.
DND	Press the **DND** context-sensitive soft key to block all calls.
Presnce	Press the **Presnce** context-sensitive soft key to display the Presence menu.
More…	Press the **More…** context-sensitive soft key to select a new menu list of context-sensitive soft keys. The next available menu list contains the following context-sensitive soft keys: [Prefs] [ ] [ ] [More…]
When you press the **More…** context-sensitive soft key for the second time, the following context-sensitive soft keys appear on the menu list.	

Table 1: Menu items accessed through context-sensitive soft keys (Part 5 of 7)

Item	Function
Prefs	Press the **Prefs** context-sensitive soft key to display the Preferences menu. The menu items include the following: 1. Display—use to adjust the display settings of the LCD screen. 2. Audio—use to adjust tones and volume settings, access the Codecs menu to configure a USB headset. 3. Feature Options—use to configure the following: — Feature keys — Call Decline Reasons — Call Ignore Action — Call Subject — Call Fwd Notification — Missed Call Notification.

Table 1: Menu items accessed through context-sensitive soft keys (Part 6 of 7)

Prefs	4. Language—use to change the interface language. 5. Misc Options—use to access the following options: — Alpha Dialing — Search Method — # Ends Dialing — Hold Mode: Private — Time 6. Network—use to access the following: — Server Settings — Device Settings — Diagnostics — Licensing — Lock 7. USB Locks—use to lock or unlock the following USB devices: — USB Mouse — USB Keyboard — USB Headset — USB flash drive **<Unlocked by Administrator>**

Table 1: Menu items accessed through context-sensitive soft keys (Part 7 of 7)

Item	Function
Prefs	8. User Settings - use to modify the following: — Call Settings — IM Settings — Voice Mail Settings — Change Location
More…	Press the **More...** context-sensitive soft key to return to the first menu list of context-sensitive soft keys. The next available menu list contains the following context-sensitive soft keys: [Redial] [abc] [Msgs] [More...]

Idle display screen after dial pad input

After you enter information using the dial pad (there is no dial tone or preceding line selection), the context-sensitive soft keys displayed on the idle screen appear as shown in Figure 7 on page 45.

Figure 5: Idle display screen after dial pad input

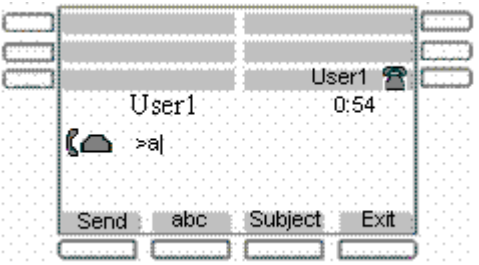
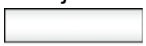


Table 2 on page 31 lists the context-sensitive soft keys that you can use to access menu items after dial pad input.

Table 2: Menu items accessed after dial pad input through context-sensitive soft keys

Item	Function
Send	Press the **Send** context-sensitive soft key to dial out the user input using the primary login of the IP Deskphone. User input is run against the dialing plan.
abc or 123	Press the **abc** or **123** context-sensitive soft key to toggle between alpha and numeric input mode.
Subject 	Press the **Subject** context-sensitive soft key to set a subject line to your outgoing call before pressing the **Send** context-sensitive soft key.
Exit	Press the **Exit** context-sensitive soft key to clear the user input and return to the initial idle screen that displays the following context-sensitive soft keys: [Redial] [abc] [Msgs] [More...]. See “Figure 4 on page 24 shows the context-sensitive soft keys while the IP Deskphone is in the idle state.” on page 23.

In-call context-sensitive soft keys

When a call is active, use the context-sensitive soft keys to access the menu items shown in Figure 6 on page 32.

Figure 6: In-call context-sensitive soft keys

Table 3 on page 32 lists the context-sensitive soft keys you can use to access menu items during an in-call session.

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 1 of 10)

Item	Function
Conf	Press the **Conf** context-sensitive soft key to obtain a dial tone to place another call during an active call or to make a conference call. The **Conf** context-sensitive soft key behaves like the **NewCall** context-sensitive soft key.
Trnsfer	Press the **Trnsfer** context-sensitive soft key to transfer the current call to another location or to another contact.

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 2 of 10)

Item	Function
Audio	Press the **Audio** context-sensitive soft key to access the following features: **Codecs** • 1. Change audio code • 2. Monitor audio quality

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 3 of 10)

Item	Function
Audio	**Codecs** Select the Audio Codecs: • G722 (wideband codec) • PCMU (standard u-law) • G729 (729 codec) • PCMA (standard a-law) **Monitor audio quality** Packet Loss : 0.0% (0) RT : 0.0% (0) JIT : 0.0% (0)

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 4 of 10)

Item	Function

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 5 of 10)

Item	Function
Activate	The **Activate** context-sensitive soft key appears when the call is not active. The most common usage of this key is when the call displayed onscreen is a call that was placed placed on hold. ***Note:*** The **Activate** context-sensitive soft key never appears at the same time as the **Audio** context-sensitive soft key.
More…	Press the **More…** context-sensitive soft key to select a new menu list of context-sensitive soft keys (three menu lists are available). When you press the **More…** context-sensitive soft key, a different selection of context-sensitive soft keys appears.

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 6 of 10)

Item	Function
More…	• If you press the **More…** context-sensitive soft key once from the first menu list, you access the following context-sensitive soft keys: [NewCall] [Prefs] [ ] [More….] • If you press the **More…** context-sensitive soft key from the first menu list twice, you return to the first menu list with the following context-sensitive soft keys. [Conf] [Trnsfer] [Audio] [More…
When you press the **More…** context-sensitive soft key for the first time, the following context-sensitive soft keys appear on the menu list.	
NewCall	Press the **NewCall** context-sensitive soft key to obtain a dial tone to place another call during an active call or to a make a conference call. The **NewCall** context-sensitive soft key behaves like the **Conf** context-sensitive soft key.

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 7 of 10)

Item	Function
Prefs	Press the **Prefs** context-sensitive soft key to displayh the Preferences menu.
More…	Press the **More…** context-sensitive soft key to select a new menu list of context-sensitive soft keys. The next available menu list contains the following context-sensitive soft keys: [Prefs] [ ] [ ] [More…]
When you press the **More…** context-sensitive soft key for the second time, the following context-sensitive soft keys appear on the menu list.	
Prefs	Press the **Prefs** context-sensitive soft key to display the Preferences menu. The menu items include the following: 1. Display—use to adjust the display settings of the LCD screen.

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 8 of 10)

Item	Function
Prefs	2. Audio—use to adjust tones and volume settings, to configure a USB headset, and to access the Bluetooth wireless technology setup. 3. Feature Options—use to configure the following: — Feature keys — Call Ignore Action — Call Subjects — Call Fwd Notification — Missed Call Notification 4. Language—use to change the interface language. 5. Misc Options—use to access the following options: — Alpha Dialing — Search Method — # Ends Dialing — Hold Mode Private — Time

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 9 of 10)

Item	Function
Prefs	6. Network—use to access the following: — Server Settings — Device Settings — Diagnostics — Licensing — Lock
<Unlocked by Administrator>	7. USB Locks—use to lock or unlock the following USB devices: — USB Mouse — USB Keyboard — USB Headset — USB flash drive 8. User Settings—use to modify the following: — Call Settings — IM Settings — Voice Mail Settings — Change Location

Table 3: Menu items accessed during an in-call session through context-sensitive soft keys (Part 10 of 10)

Item	Function
More…	Press the **More…** context-sensitive soft key to return to the first menu list of context-sensitive soft keys. The next available menu list contains the following context-sensitive soft keys: [Conf] [Trnsfer] [Audio] [More…]

Navigation keys

This section provides information about keys you can use to navigate within the menus of your Avaya 1140E IP Deskphone.

Note: Menu items are sorted by number.

You can select menu items in one of the following ways:

- Press the corresponding number on the dialpad and then press the **Select** soft key.
- Use the navigation key to scroll through the menu to highlight the item you want to select and then press the **Select** soft key.

Table 4 on page 42 describes the navigation keys and their functions.

Table 4: Navigation keys and functions (Part 1 of 2)

Key	Function
Navigation Key Cluster	Press the Left or Right arrows on the **Navigation Key Cluster** to: • Scroll long lines of text when you view caller ID. ***Note:*** The IP Deskphone automatically scrolls long lines of text from right to left for entries such as in your address book or your Call Inbox. When your Search Method is set to Index Search, you can increase the speed of the scrolling by repeatedly pressing the right navigation key or decrease the scrolling speed by repeatedly pressing the left navigation key. For more information, see "Searching for a contact in the Address Book" on page 169. • Change the slide adjustment from left to right when you adjust such things as contrast or volume.
Navigation Key Cluster	Press the right side of the **Navigation Key Cluster** to: • Create a space when you enter and edit text. • View the details of the selected call log entry in the Inbox and the Outbox.

Table 4: Navigation keys and functions (Part 2 of 2)

Key	Function
Navigation Key Cluster	Press the left side of the **Navigation Key Cluster** to: • Move cursor to the left when you enter and edit text. • Leave the detail view of the Inbox or Outbox and return to the main Inbox or Outbox. Operates like the **Back** context-sensitive soft key. Press the up or down arrows on the **Navigation Key Cluster** to: • Erase a character (backspace) when you enter and edit text. • Highlight items in a list, such as Address Book entries or items in your Call Inbox. • Scroll lists and message contents when you view IMs. • Move the cursor from line to line when entering and editing text or data. ***Note:*** To scroll through a list of items, you can press and hold the up or down key.

Using a USB Mouse

The Avaya 1140E IP Deskphone is equipped with a USB port in which you can connect a USB mouse. You can use the USB mouse to activate context-sensitive soft key items and menu items.

Use your mouse to click a context-sensitive soft key label of the LCD screen to activate that item. When a menu is open, double-click on a

menu item to activate it or click on the item to highlight it. For example, you can click the **View** context-sensitive soft key label to open that menu. Double-click the word **Inbox** in the menu list; you can then double-click a name in the Inbox list to initiate a call, or click the item to highlight the name.

To access the Network menu, right-click anywhere on the display.

> ***Note:*** USB mouse support is available for the IP Deskphone but does not extend to added Expansion Modules.

Available Avaya 1140E IP Deskphone call features

The Avaya 1140E IP Deskphone is designed to be supported by various call servers. The specific call server in which the IP Deskphone is connected to determines whether certain features are available to your IP Deskphone. Call features must be assigned to your IP Deskphone and must be supported by call server software.

> ***Note 1:*** Not all feature are available. To determine which features are available or to activate features, contact your system administrator or service provider.

> ***Note 2:*** Not all service providers support the entry of a SIP address to initiate a call, for example, jim@companya.com. Some service providers require that you enter a Directory Number (DN) to initiate a call, for example, 555-5555. Contact your system administrator to determine whether your call server supports SIP address dialing.

Security features

Before you can use your Avaya 1140E IP Deskphone, an ID and password must be assigned to your IP Deskphone. This security measure ensures that, after you log off, calls cannot be made from your IP Deskphone and features such as Address Book, Instant Message logs, and Call Outbox are inaccessible. Your ID and password also prevent unauthorized access to your user profile.

Secure connection

Call security is identified by the presence of a security icon (padlock) that is displayed on the IP Deskphone screen.

After the IP Deskphone is registered with the SIP Proxy, you can view the security icon when:

- the IP Deskphone is idle
- you are on an active call

Figure 7 on page 63 is an example of a secure connection when the IP Deskphone is idle. The security icon is visible on the IP Deskphone screen.

Figure 7: Example of a secure connection when the IP Deskphone is idle

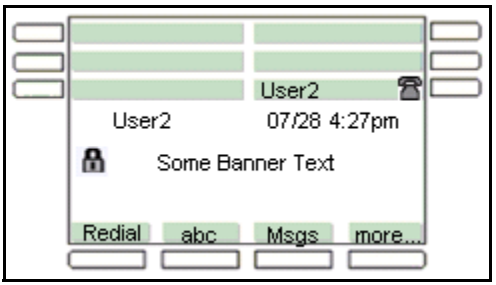
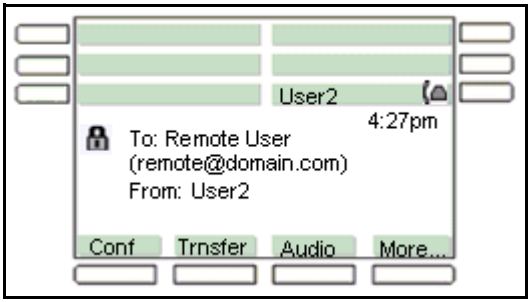


Figure 8 on page 67 is an example of a secure connection when you are on an active call. The security icon is visible on the IP Deskphone screen.

Figure 8: Example of a secure connection during an active call



Regulatory and safety information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Note: The user should not make changes or modifications not expressly approved by Avaya. Any such changes could void the user authority to operate the equipment

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Warnings:

- This is a Class B product. In a domestic environment this product can cause radio interference in which case the user must take adequate measures.
- Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- Privacy of communications may not be ensured when using this IP Deskphone.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body (excluding the handset). This transmitter must not be collocated or operated in conjunction with any other antenna or transmitter.

To prevent radio interference to the licensed service, this device must be operated indoors only and should be kept away from windows to provide maximum shielding.

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

Table 5 lists EMC compliance for various jurisdictions.

Table 5: EMC compliance (Part 1 of 2)

Jurisdiction	Standard	Description
United States	FCC CFR 47 Part 15	Class B Emissions: FCC Rules for Radio Frequency Devices (see Notes 1 and 2)
Canada	ICES-003	Class B Emissions: Interference-Causing Equipment Standard: Digital Apparatus
Australia/ New Zealand	AS/NZ CISPR22 CISPR 22	Class B Emissions: Information technology equipment - Radio disturbance

Table 5: EMC compliance (Part 2 of 2)

Jurisdiction	Standard	Description
European Community	EN 55022	Class B Emissions: Information technology equipment - Radio disturbance
	EN 55024	Information technology equipment - Immunity characteristics Limits and methods of measurement
	EN 61000-3-2	Limits for harmonic current emissions (equipment input current <= 16 A per phase)
	EN 61000-3-3	Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current <= 16 A
Japan	VCCI	Regulations for voluntary control measures.

Table 6 lists Safety compliance for various jurisdictions.

Table 6: Safety compliance

Jurisdiction	Standard	Description
United States	UL 60950-1	Safety of Information Technology Equipment
Canada	CSA 60950-1-30	Safety of Information Technology Equipment
European Community	EN 60950-1	ITE equipment - Safety - Part 1: General requirements
Australia/New Zealand	AS/NZS 60950.1:2003	Safety of Information Technology Equipment

Other

US/Canada: Hearing Aid Compatibility (HAC) as per FCC Part 68

This equipment complies with the CE Marking requirements. CE

EU Countries: This device complies with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration may be obtained from http://support.avaya.com/css/appmanager/public/support.

Australia: AS/ACIF S004: Voice Frequency Performance Requirements for Customer Equipment

DenAn regulatory notice for Japan

⚠ Warning

Please be careful of the following while installing the equipment:

- Please only use the Connecting cables, power cord, AC adaptors shipped with the equipment or specified by Avaya to be used with the equipment. If you use any other equipment, it may cause "failures, malfunctioning or fire".
- Power cords shipped with this equipment must not be used with any other equipment. In case the above guidelines are not followed, it may lead to death or severe injury

⚠ 警告

本製品を安全にご使用頂くため、以下のことにご注意ください。

- 接続ケーブル、電源コード、ACアダプタなどの部品は、必ず製品に同梱されております添付品または指定品をご使用ください。添付品・指定品以外の部品をご使用になると故障や動作不良、火災の原因となることがあります。
- 同梱されております付属の電源コードを他の機器には使用しないでください。

上記注意事項を守らないと、死亡や大怪我など人身事故の原因となることがあります。

Using your IP Deskphone

After you familiarize yourself with the IP Deskphone features, you can start to use the IP Deskphone.

Getting Started

This section provides information about how to use the IP Deskphone. Carefully read each section before you operate the new IP Deskphone.

The following sections describe details about the IP Deskphone:

- "Before you begin" on page 51
- "Connecting the components" on page 52
- "Entering text" on page 61
- "Accessing the IP Deskphone" on page 69
- "Configuring the Avaya 1140E IP Deskphone" on page 87

Before you begin

CAUTION
Damage to Equipment
Do not plug your Avaya 1140E IP Deskphone into a regular telephone jack. This can result in severe damage to the IP Deskphone. Consult your system administrator to ensure that you plug your IP Deskphone into a 10/100/1000 BaseT Ethernet jack.

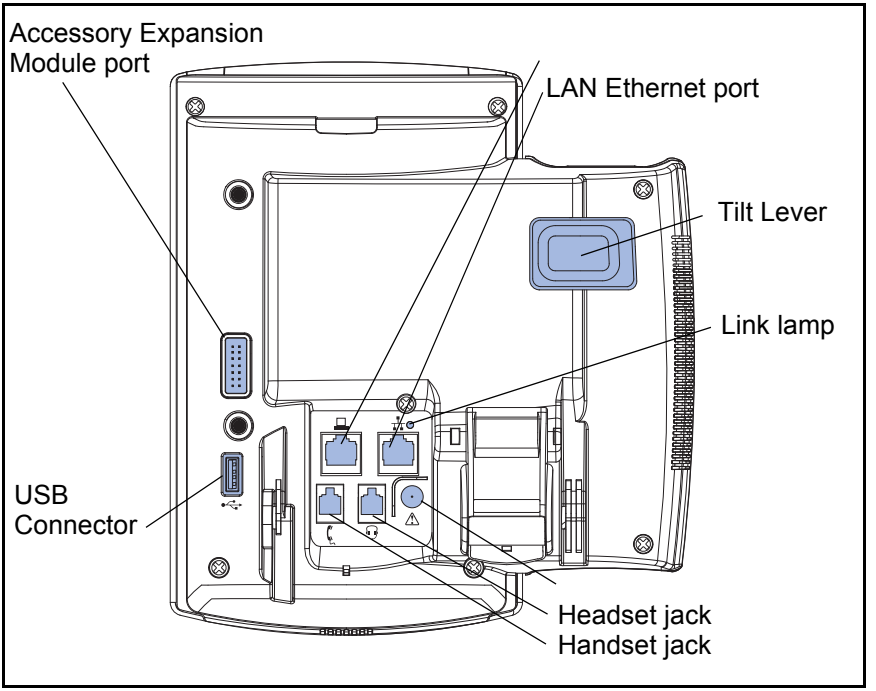
CAUTION
Your IP Deskphone is designed for use in an indoor environment only.

CAUTION
Do not plug your IP Deskphone into an Integrated Service Digital Network (ISDN) connection. Severe damage to the IP Deskphone can result.

Connecting the components

Figure 9 on page 52 shows the connections on the Avaya 1140E IP Deskphone.

Figure 9: IP Deskphone connections



WARNING Ensure that the protective rubber cap on the Expansion Module port is in place when the port is not in use. Connection of anything other than the proper Expansion Module connector to this port can cause damage to the IP Deskphone.

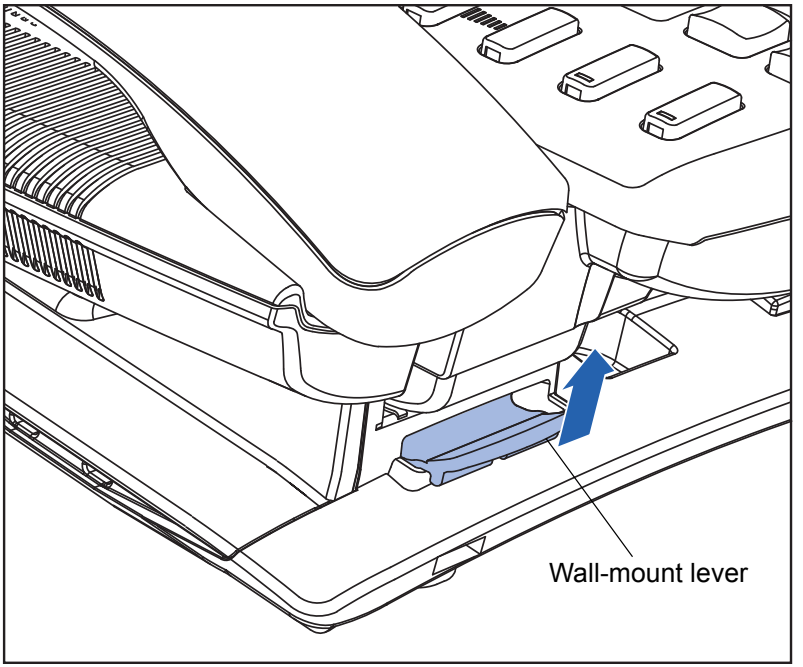
Install your IP Deskphone by completing the following procedures in the order listed:

- “Removing the stand cover” on page 54

- “Connecting the handset” on page 56
- “Connecting the headset (optional)” on page 57
- “Connecting the LAN ethernet cable” on page 58

- “Wall-mounting the IP Deskphone (optional)” on page 59

Figure 10: Wall-mount lever

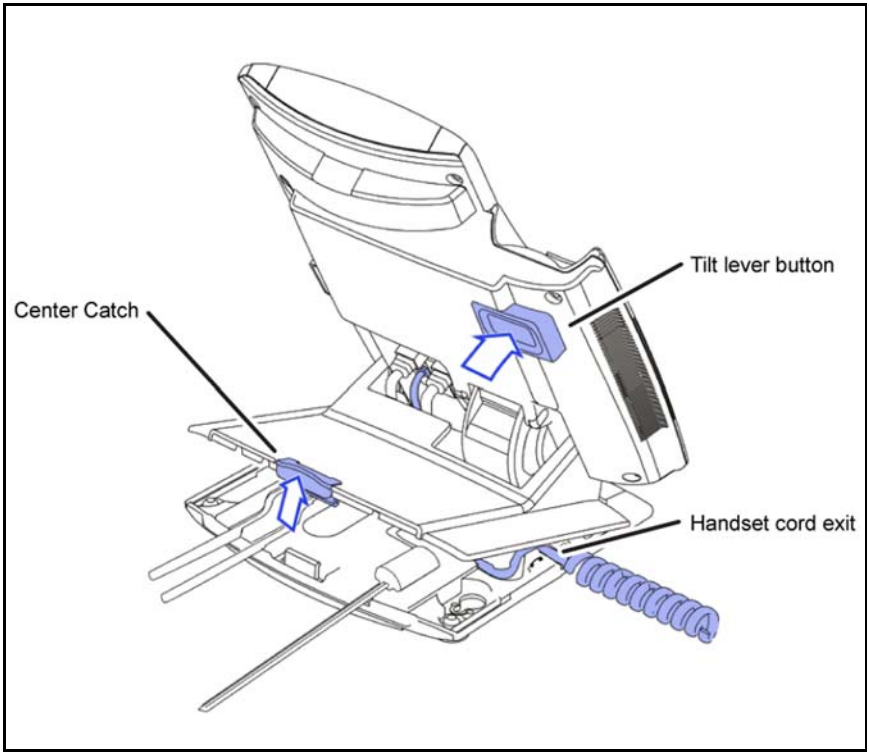


	WARNING Your Avaya 1140E IP Deskphone is shipped with the base locked in position. To avoid damaging your IP Deskphone, press the wall-mount lever, located under the Handsfree key as indicated in the previous figure, to release the base and pull it away from the IP Deskphone.

Removing the stand cover

To access the cable routing tracks and attach cables, you must remove the stand cover. Pull upward on the center catch as indicated in the following figure, and remove the stand cover. The cable routing tracks are now accessible.

Figure 11: Remove the stand cover



Connecting the AC power adapter (optional)

Your 1140E IP Deskphone supports AC power or Power over Ethernet (PoE) options, including IEEE 802.3af standard power.

To use local AC power, use only the Avaya-approved Global Power Supply (NTYS17xxE6). You can order the Avaya-approved AC adapter separately.

	WARNING Use only the approved Avaya Global Power Supply with your 1120E IP Deskphone.

To use PoE, where power is delivered over the CAT5 cable, your connected LAN must support PoE. If you use PoE, you do not require an AC adapter.

WARNING
If you are connected to a PoE connection, do not use the AC power adapter.

Connecting the handset

Use the following procedure to connect the handset to the IP Deskphone.

1. Connect the end of the handset cable with a short straight section to the handset.
2. Connect the end of the handset cable with the long straight section, into the RJ-9 handset jack marked with the symbol on the back of the IP Deskphone.
3. Form a small bend in the cable.
4. Thread the handset cord through the channels in the stand so that it exits behind the handset on the right side, using the handset cord exit in the stand base marked with the symbol as shown in Figure 11 on page 55.

Connecting the headset (optional)

Perform the following procedure to connect the optional headset to the IP Deskphone.

1. On the back of the IP Deskphone, plug the headset connector into the RJ-9 headset jack marked with the 🎧 symbol.
2. Thread the headset cord, along with the handset cord, through the channels in the stand so that the headset cord exits the channel marked with the 🎧 symbol

Selecting the headset tuning parameter

You can select a headset from the following list of supported headsets.

- Type 1: Monaural and Binaural headset
  - Monaural headset: Plantronics Model number: H251N (Part number: 64338-01) with cable Model Number: A10 (Part Number: 66268-02)
  - Binaural headset: Plantronics Model number: H261N (Part number: 64339-01) with cable Model Number: A10 (Part Number: 66268-02)
- Type 2: Monaural and Binaural headset
  - Monaural headset: Plantronics Model number: HW251N (Part number: 75100-06) with cable Model Number: A10 (Part Number: 66268-02)
  - Binaural headset: Plantronics Model number: HW261N (Part number: 75101-06) with cable Model Number: A10 (Part Number: 66268-02)
- Type 3: Binaural headset
  - Binaural headset: GN Netcom Model number: GN 4800 (Part number: 48492-09)

After you select a headset, the corresponding tuning parameters are applied automatically.

Perform the following procedure to select a headset.

1. Press **Prefs**.
2. Select **Audio**.
3. Select **Headset Type**.

Connecting the LAN ethernet cable

Note: Your IP Deskphone supports both AC power and PoE options, including IEEE 802.3 standard power. To use local AC power, you can order the optional AC adapter separately. To use PoE, where power is delivered over the CAT5 cable, the LAN must support PoE, and you do not need an AC adapter.

To enable full functionality of your IP Deskphone, connect your IP Deskphone to your LAN using a CAT5e Ethernet cable. If your network is equipped with PoE, you can power your IP Deskphone through the LAN port.

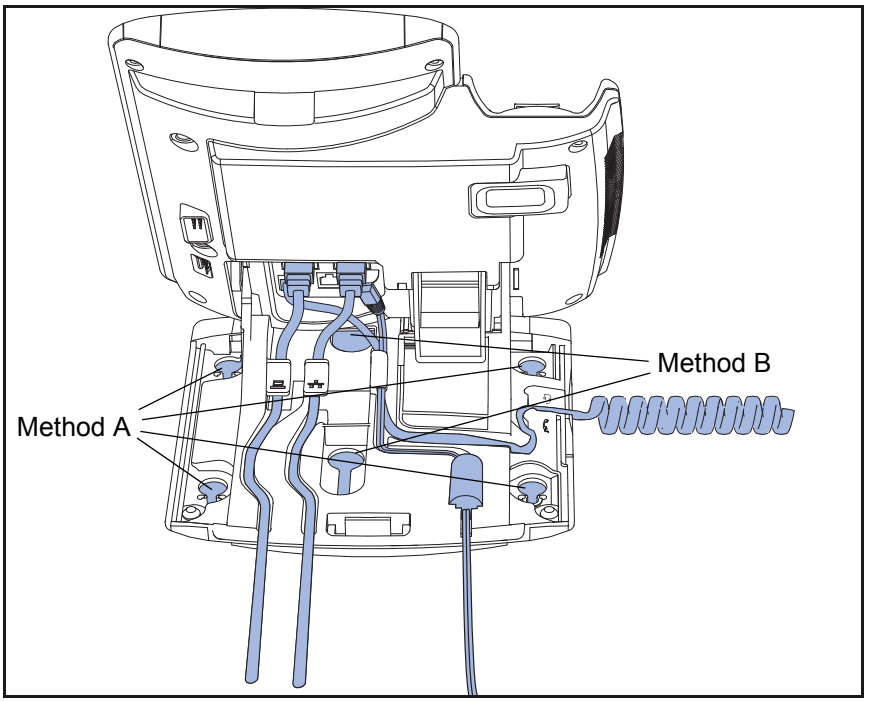
To connect your IP Deskphone to your LAN use the following procedure:

1. Connect one end of the supplied Ethernet cable to the back of your IP Deskphone by using the RJ-45 connector marked with the symbol.
2. Thread the network cable through the channel marked with the symbol.
3. Connect the other end of the cable to your LAN Ethernet connection.

Installing additional cables

If applicable, you can plug an optional USB device such as a USB mouse or a USB keyboard into your IP Deskphone. Connect the USB cable to the USB port on the back of the IP Deskphone.

Figure 12: Cable routing tracks and mounting holes



Wall-mounting the IP Deskphone (optional)

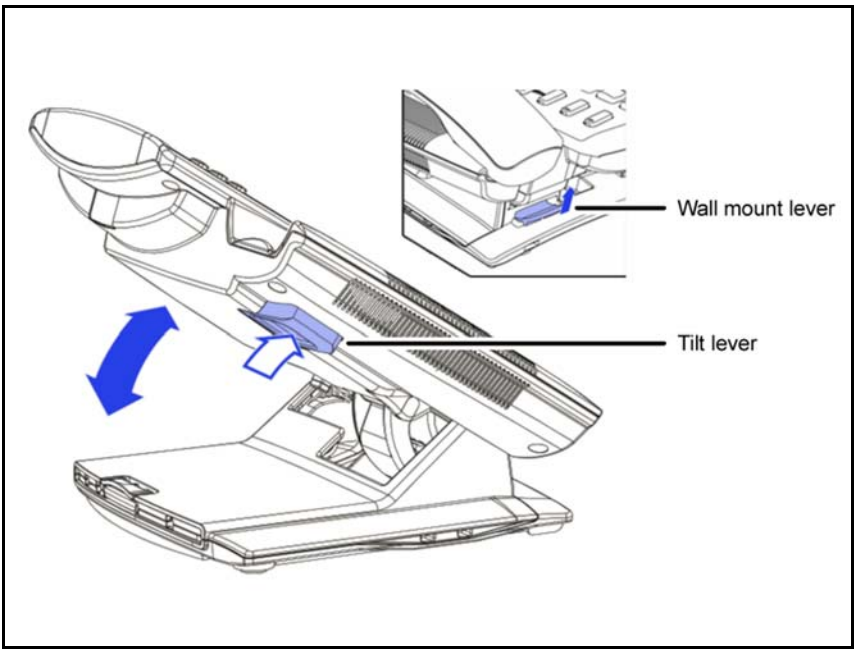
You can mount your Avaya 1140E IP Deskphone on a wall either by: (method A) using the mounting holes on the bottom of the IP Deskphone stand or (method B) using a traditional-style wall-mount box with an RJ-45 connector and 15 centimeter (cm) (6-inch) RJ-45 cord (not provided).

Complete steps 1-7, as needed, before you wall-mount your IP Deskphone:

Method A:

1. Press the wall-mount lever, and pull the IP Deskphone away from the stand, as shown in Figure 13 on page 60.
2. Use the stand cover (the part you removed in "Removing the stand cover" on page 54), to mark the wall-mount holes by pressing the bottom of the stand cover firmly against the wall in the location where you wish to install the IP Deskphone. Four small pins on the bottom of the stand cover make marks on the wall.
3. Use the marks as a guideline for installing the wall-mount screws (not provided). Install the screws so that they protrude 3 millimeters (mm) (1/8 inch) from the wall.
4. Install the IP Deskphone stand mounting holes over the screw heads as indicated in Figure 12 on page 59 (Method A). You need to remove the IP Deskphone from the wall to adjust the lower screws.
5. When the lower screws are snug, install the IP Deskphone on the mounting screws, and then tighten the top screws.

Figure 13: Rotate the IP Deskphone into the wall mount position.



Method B:

1. Attach the 15-cm (6-inch) CAT5e cable.
2. Position the stand over the mounting rivets, and slide the IP Deskphone down the wall so that the rivets fit into the slots on the stand, indicated in Figure 12 on page 59 (Method B).
3. Replace the stand cover. Ensure that all cables are neatly routed and press the stand cover into place until you hear a click.
4. Put the IP Deskphone in the wall-mount position (optional). If you wall-mount your IP Deskphone, put it in the wall-mount position by holding the Tilt Lever and pressing the IP Deskphone towards the base until the IP Deskphone is parallel with the base. Release the Tilt Lever and continue to push the IP Deskphone towards the base until you hear an audible click. Ensure the IP Deskphone is securely locked in position.

   Attention: To add an Expansion Module for Avaya 1100 Series IP Deskphones, see *Expansion Module for Avaya 1100 Series IP Deskphones (SIP Firmware) User Guide* (NN43110-301).

Entering text

You use can use combinations of the letters and numbers on the dialpad of your IP Deskphone to, for example, spell names or words in Instant Messages (IMs), enter SIP addresses, create Address Book entries, and to designate feature key labels.

To make a call, you can dial an alphanumeric SIP address; for example, jdoe2@domain.com.You can enter and edit text on your IP Deskphone using the following methods:

Note: Some service providers support only the use of a Directory Number (DN) such as 555-5555 to initiate a call to another IP Deskphone. Contact your system administrator or service provider to determine if alphanumeric dialing is supported. Alphanumeric dialing consists of string of text that contain letters and numbers that make up, for example, a SIP address.

You can use the following methods to enter and edit text on your IP Deskphone:

- "Entering text using the IP Deskphone dialpad" on page 62
- "Entering text using the USB keyboard" on page 67

Entering text using the IP Deskphone dialpad

For applications that offer text input, when you use the dialpad to enter text the system activates the **abc/123** context-sensitive soft key.

You can toggle between numeric and alphabetic input as follows:

- When the context-sensitive soft key label is **abc**, you can enter alphabetic text.
- When the context-sensitive soft key label is **123**, you can enter numbers.

Figure 14: Context-sensitive soft key abc/123

For example, if you want to enter the lower case letter a, press the **abc/123** context-sensitive soft key to toggle to alphabetic input. Then press the number **2** key once. If you want to enter the upper case letter C, press the number **2** key six times. You can cycle through the letters (and the numeral) by pressing the number button repeatedly.

To create names or words that contain two adjacent letters that appear on the same button, for example, the word *press*, you can do the following:

1. To enter the first character, press the dialpad key **6**.
2. Pause briefly.

- To enter the next letter, press the dialpad key 6 twice to cycle to the letter r.

When entering alphanumeric information, the 1 key on the dialpad represents the characters in Table 7 on page 63. To enter a special character, press the dialpad number 1 to cycle through the characters until you reach the one you need. For example, to enter a question mark (?), press the number 1 key eight times.

Table 7: Alphanumeric characters for dialpad key 1 (Part 1 of 2)

Character	Name
@	at
.	period
-	dash
_	underscore
&	ampersand
‘	apostrophe
^	carat
?	question mark
!	exclamation point
(	left parentheses
)	right parentheses
,	comma
\	backslash
/	forward slash
:	colon

Table 7: Alphanumeric characters for dialpad key 1 (Part 2 of 2)

Character	Name
;	semi-colon
~	tilde
=	equal
+	plus
1	numeral 1

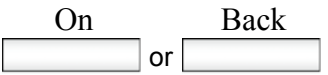
Note: No letters are associated with the 0 key.

Enabling and disabling the # Ends Dialing feature

You can enable the IP Deskphone to use the octothorpe (#) symbol to immediately dial the address or phone number.

To enable the # Ends Dialing feature:

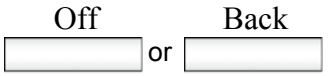
1. Press the **Prefs** context-sensitive soft key, and then select **Misc Options**. Highlight **# Ends Dialing** and press the **Change** context-sensitive soft key.



2. Choose one of the following:
   - Press the **On** context-sensitive soft key to turn on **# Ends Dialing**.
   - Press the **Back** context-sensitive soft key to keep existing configurations and return to the **Preferences** menu.

To disable the # Ends Dialing feature:

1. To turn off # Ends Dialing, press the **Prefs** context-sensitive soft key, and then select **Misc Options**. Highlight **# Ends Dialing** and press the **Change** context-sensitive soft key.



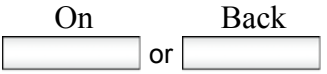
2. Choose one of the following:
   - Press the **Off** context-sensitive soft key to turn off **# Ends Dialing**.
   - Press the **Back** context-sensitive soft key to keep existing configurations and return to the **Preferences** menu.

Configuring the dialpad to alphanumeric dialing

To eliminate the need to press the **abc/123** context-sensitive soft key when you enter text, you can set the IP Deskphone dialpad default to alphabetic mode.

To configure the dialpad to alphabetic mode as the default:

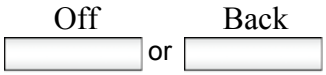
1. Press the **Prefs** context-sensitive soft key, and then select **Misc Options**. Highlight **Alpha Dialing**, and then press the **Change** context-sensitive soft key.



2. Choose one of the following:
   - Press the **On** context-sensitive soft key to turn on alphanumeric dialing.
   - Press the **Back** context-sensitive soft key to keep existing configurations and return to the **Preferences** menu.

To disable alphabetic mode and set numeric mode as the default:

1. Press the **Prefs** context-sensitive soft key, and then select **Misc Options**. Highlight **Alpha Dialing**, and then press the **Change** context-sensitive soft key.



2. Choose one of the following:
   - Press the **Off** context-sensitive soft key to turn on alphanumeric dialing.
   - Press the **Back** context-sensitive soft key to keep existing configurations and return to the **Preferences** menu.

Entering text using the USB keyboard

You can connect a USB keyboard to the USB port of your IP Deskphone to enter text and numbers, access some features, and duplicate some functions.

For example, to dial a directory number, you can use the keyboard number pad to enter digits and the asterisk (*) and octothorpe (#) characters and you can use the alphabetic keys to enter text.

Table 8 on page 67 describes the associations between the USB keyboard function keys and the IP Deskphone fixed keys.

Table 8: USB keyboard functions (Part 1 of 2)

USB Keyboard Key	IP Deskphone Fixed Key
Esc	Quit
F1	Services
F2	Expand
F3	Inbox
F4	Outbox
F5	Address Book
F6	Copy
F7	Volume Down

Table 8: USB keyboard functions (Part 2 of 2)

USB Keyboard Key	IP Deskphone Fixed Key
F8	Volume Up
F9	Mute
F10	Hold
F11	Headset
F12	Handsfree
Break	Goodbye (Release)
Backspace	Left arrow of Navigation Cluster
Arrow Left	Left arrow of Navigation Cluster
Arrow Right	Right arrow of Navigation Cluster
Arrow Up	Up arrow of Navigation Cluster
Arrow Down	Down arrow of Navigation Cluster
Enter	Enter

Accessing the IP Deskphone

You require a log on ID and a password to log on to a server with your IP Deskphone.

Logging on

Whenever you log on to your IP Deskphone you must do the following:

- confirm your logon ID
- enter your password
- select the duration of this session

Release 2.2 supports admin password protection for login prompt that appears when you power up the IP Deskphone or after you log off.

Figure 15 on page 69shows the User Password protection for domains.

Figure 15: User login screen

When you log on to your IP Deskphone you must confirm your logon ID, enter your password, and select the duration of this session. However,

the first time you use your IP Deskphone, you need to complete some of the following procedures:

- "Automatic login" on page 70
- "Configuring the domain" on page 70
- "Selecting a language" on page 72
- "Logging on to your Avaya 1140E IP Deskphone" on page 73
- "Configuring the duration of the login" on page 77
- "Selecting a location" on page 79
- "User Profile" on page 80

Note: The system automatically logs you back on after a power outage or firmware upgrade. The system administrator configures this feature on a network-wide basis.

Automatic login

Before you first receive your IP Deskphone, your system administrator can configure your IP Deskphone with your user logon and password. If this is the case, after you plug in the IP Deskphone you can use it without further configuration.

Note: If the IP Deskphone is configured with automatic logon, you can not use the log off function, and you need a password to access some features and functions. Contact your system administrator or service provider for further information.

Configuring the domain

Before the log on process, if you need to change the domain or confirm that the domain you log on to is correct, press the **Domain** context-sensitive soft key from the logon prompt. The current domain appears on the IP Deskphone LCD screen. You can edit the domain that is listed or press the **Domain** context-sensitive soft key to access a list of available domains to which you can choose to connect.

Note: You must enter the admin password to edit domains.

Note: Check with your system administrator before editing or changing domains.

To change the domain:

1. Press the **Domain** context-sensitive soft key to change the current domain.

   Note: You must enter an admin password before you can edit the domain in which the IP Deskphone connects.

2. Press the **Up/Down** navigation key to highlight the new domain you want to use.

3. Choose one of the following:

   — Press the **Select** context-sensitive soft key to change the domain to the highlighted domain from the list. The IP Deskphone returns to the **Current Domain** page, and the new domain appears.

   — Press the **Back** context-sensitive soft key to keep existing configurations and return to the previous menu.

Password protection for domains

This feature supports admin password protection for editing of the domain and is not required for switching domains. If you log on using the administrator password, you can use the editing domain option for both the Current Domain state and Domain List state.

After you press **back** on the edit page or on the password prompt, the idle display appears. You must enter the admin password to reenter the editing domain.

Password check to switch domains

When no one is logged on, a domain soft key appears. When you press the domain soft key, the current domain page appears without a password query.

Password protection for editing domain

When you press **Edit** for a domain, the admin password prompt appears. The editing domain page appears after you enter the correct admin password. If you do not enter the correct password, the message “incorrect password” appears with a prompt to retry.

Password request in server settings mode

When you edit the domain from the server settings under the Network menu, you are prompted to enter the admin password. After you enter the password, the Domain page appears. When you press the **Edit** context-sensitive soft key, there is no prompt for the admin password because you have already entered the admin password to load the Server Settings menu.

Selecting a language

Your IP Deskphone has the capacity to operate using other languages, such as French. The system administrator can provision the IP Deskphone with up to five languages. If the IP Deskphone is provisioned with other languages, you can choose an available language during the login process by pressing the **Lang** context-sensitive soft key on the **User Login** page.

To change the language:

1. Choose one of the following:
   - Press the **Change** context-sensitive soft key to change the current language.
   - Press the **Back** context-sensitive soft key to keep existing language and return to the **User Login** screen.

2. Press the **Up/Down** navigation key to highlight the new language you want to use.

3. Choose one of the following:
   - Press the **Select** context-sensitive soft key to change the language to the highlighted language from the list. The IP Deskphone returns to the **User Login** screen and uses the selected language.
   - Press the **Back** context-sensitive soft key to keep the existing language and return to the **User Login** screen.

Logging on to your Avaya 1140E IP Deskphone

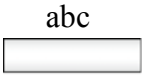
You need to log on to your Avaya 1140E IP Deskphone when you first install and restart your IP Deskphone and anytime you log off or reboot.

Note: When you log on to the IP Deskphone for the first time, the system prompts you for a location. For more information, see "Selecting a location" on page 79.

Note: The IP Deskphone retains the previous user logon ID, which appears after the ID prompt whenever the IP Deskphone reboots.

If Authentication is enabled by your system administrator, you can enter your authentication ID independent of your user ID. The authentication ID is used when the server challenges the IP Deskphone.

To logon to the Avaya 1140E IP Deskphone:



1. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

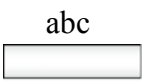
2. Use the dialpad to enter your user ID login at the prompt.

   Note: Use the left navigation key to backspace and remove a previous user ID.

3. Press the **Login** context-sensitive soft key.

   If Authentication is enabled by your system administration, you are presented with the Authentication ID screen. The authentication ID is autofilled with your user ID.

   If Authentication is not enabled, a new screen appears and prompts you for your password.



   a. Press the **abc/123** context-sensitive soft key to toggle between alphanumeric or numeric input.

   b. Use the dialpad to enter your authentication ID login at the prompt.

   c. Press the **Login** context-sensitive soft key.

   A new screen appears and prompts you for your user password.

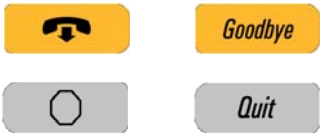
4. Enter your password by using the dialpad.

   Note 1: When you enter your password, the last character entered appears. However, all previous characters are hidden.

   Note 2: When you enter your password and you use the navigation key to backspace, you erase all the characters and must completely reenter your password again.

5. Press the **Next** context-sensitive soft key.

Note: You can cancel the login process by pressing one of the following keys:



— Cancel
— Goodbye
— Quit

Configuring the duration of the login

After you enter your logon ID and password the **Duration** screen appears. You can enter the maximum length of time of the session. If you choose to use the default duration Permanent, you remain logged on to the IP Deskphone until you log off.

To configure the login duration:

Next

Timed

1. Choose one of the following:
   - Press the **Next** context-sensitive soft key to set the logon duration to Permanent. A login confirmation screen appears.
   - Press the **Timed** context-sensitive soft key to open a screen to set a maximum time to remain logged in.

   Note: If you press the **Timed** context-sensitive soft key, you must then set the duration of the login.

Period

2. Press the **Period** context-sensitive soft key to toggle the logon duration entries between hours or days.

Next

3. Do one of the following:
   - Use the dialpad to enter the number of hours or days you want to remain logged on and press the **Next** context-sensitive soft key.

— Press the **Back** context-sensitive soft key to return to the permanent logon screen.

— Press the **Cancel** context-sensitive soft key to return to the first logon screen.

Timed logoff

When you determine a logon time other than permanent, the IP Deskphone reminds you of your expiry time.

Timed logoff while IP Deskphone is idle

When the login time expires and the IP Deskphone is idle (not on a call), you can do one of the following at the prompt:

- Press the **Yes** context-sensitive soft key to log off immediately.
- Press the **No** context-sensitive soft key to switch to Permanent logon.
- Press the **Quit** or **Release/Goodbye** key to logout immediately.

If you do not respond, the prompt times out in 45 seconds and the IP Deskphone logs off.

If you answer a call during the logout prompt, the logon switches to permanent login.

Timed logoff while on a call

When the login time expires while you are on a call, you can do one of the following at the prompt:

- Press the **Yes** context-sensitive soft key to log off immediately.

- Press the **No** context-sensitive soft key to switch to Permanent logon.
- Press the **Quit** key to dismiss the log out prompt and switch to permanent login.
- Press the **Release/Goodbye** key to dismiss the logout prompt and switch to permanent login.

  Note: If you press the **Release/Goodbye** key to dismiss the logout prompt, you also terminate the call.

If you do not respond, the prompt times out in 45 seconds and the IP Deskphone switches to permanent login.

Selecting a location

When you first login to the IP Deskphone, the system prompts you for a location. The location you select is saved in your User Profile.

Depending on your service provider, the Enhanced Emergency Service uses the location you select or the Directory Number (DN) on the call server, when handling emergency calls. The configuration of the call server determines how emergency service calls are handled by your IP Deskphone.

Note 1: During an emergency call, you cannot log out from the IP Deskphone or release or disconnect the call. The IP Deskphone remains connected to the emergency service until the emergency service operator disconnects it.

Note 2: If the login time expires during an emergency call, a prompt does not appears and the IP Deskphone automatically switches to permanent login.

Note 3: When you set your user profile for the first time, you must confirm that the selected location is correct. You can view your location by accessing the Phone Information screen. For more information, see “Viewing the IP Deskphone information” on page 304.)

User Profile

Your User Profile contains your specific settings and data. You are prompted to create a User Profile the first time you log on to your Avaya 1140E IP Deskphone. If you delete your User Profile, the IP Deskphone reboots, and you must log on and create a new User Profile. When you log on to your IP Deskphone, your specific settings and data are automatically available for you.

The information stored in your user profile includes:

- Independent volume adjustments for handset, headset, and handsfree
- Alerting Volume adjustment
- Idle Screen display text
- Voice Mail settings (number and mailbox ID)
- User location (from a server-provided list)
- Time, Date, and Zone format settings

- Call Decline reasons
- Instant Messaging settings and Instant Message Inbox/Outbox
- Default dialing (alpha/numeric)
- Call Ignore action (local/network)
- Search method (Name, First character, Index)
- User Presence selection
- Dialing pattern default (alpha/numeric)
- Address Book entries
- Call Inbox and Call Outbox entries
- Programmable keys configuration
- # Ends dialing configuration

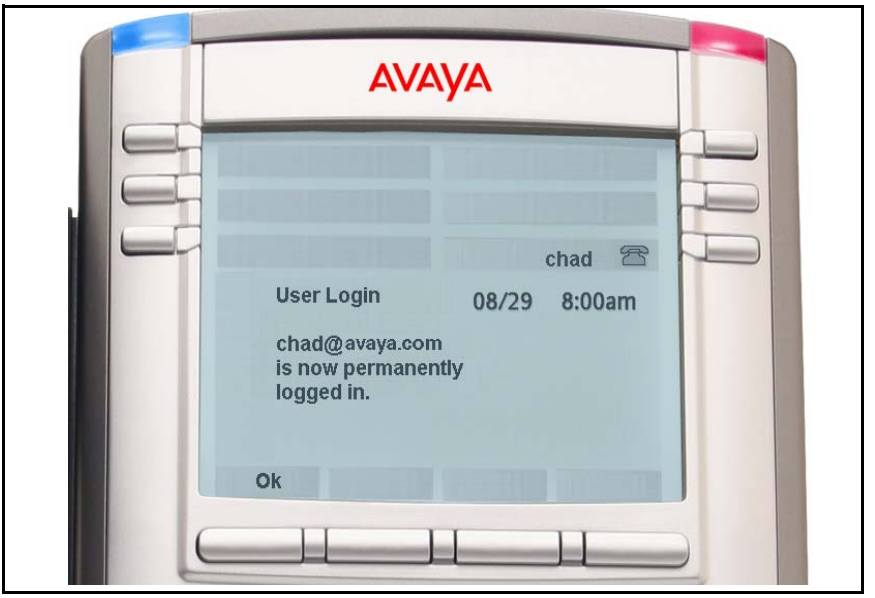
Confirmation logon screen

When you complete the logon process, the logon confirmation screen appears as shown in Figure 16 on page 82. Press the **OK** context-sensitive soft key to complete the logon process.

If the login is unsuccessful, a login error message `Failed to login user, Authentication required` appears. Press the **OK** context-sensitive soft key to return to the first logon screen. The most common cause for logon failure is the incorrect entry of your password.

> ***Note:*** In case of login failures, the IP Deskphone displays the message “Failed to login user” and then automatically returns to the login screen.

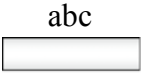
Figure 16: Logon confirmation screen



Logging off from the IP Deskphone

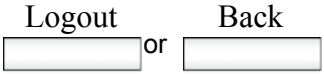
To log off from the IP Deskphone:

1. Press the **Services** fixed key, and then select **Logout** from the menu.



2. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

3. Use the dialpad to enter your password at the prompt.



4. Choose one of the following:
   - Press the **Logout** context-sensitive soft key to complete the logout process. The IP Deskphone returns to the **User Login** screen.
   - Press the **Back** context-sensitive soft key to remain logged on and return to the Services menu.

Making an emergency call

You can use the IP Deskphone to make an emergency call to the Public Safety Answering Point (PSAP) from any accessible screen without logging on.

When you pick up the handset, press the handsfree button or headset button without logging on, a message "**Emergency calls only**" appears, and the IP Deskphone can only be used to make an emergency call. All context-sensitive soft keys and feature keys are blank and unusable except for the second context-sensitive soft key which allows you to switch between numeric and alphabetic characters. If you hang up before the connection is established, the IP Deskphone returns to the initial

state. After the connection is established, the call can be disconnected only by an operator. If you hang up after the connection has been made, the IP Deskphone switches to loudspeaker. If the loudspeaker is already on, and you press the hang up button, nothing happens. The call is not disconnected.

When you make an emergency call, the location of the IP Deskphone is forwarded to the PSAP.

> ***Note:*** When the IP Deskphone is waiting for the user to log on or it is blocked by a screen saver, you can still make an emergency call. If you pick up the handset, a message "Emergency calls only" appears and the IP Deskphone can be used for making only emergency calls.

To make an emergency call:

1. Choose one of the following:
   - — Pick up the handset.
   - — Press the handsfree button.
   - — Press the headset button.

   Note: Hang up or switch off the handset to return to normal state.

2. Dial the emergency number that is provided by your dialing plan.

3. Press the **Send** context-sensitive soft key.

   Note: If you try to dial the number that does not match the dialing plan, a message appears to inform you that the number is incorrect.

Location information

When you make an emergency call, the IP Deskphone provides the PSAP with the location information of the IP Deskphone. The IP Deskphone receives the location information when the IP Deskphone is first plugged in to the network and then stores it.

To view your location, press the **Services** hard key, choose Phone Information, and then press the **E911** context-sensitive soft key.

<Not provided by the phone>

Figure 17 on page 85 displays the Phone Information menu.

Figure 17: Phone information menu

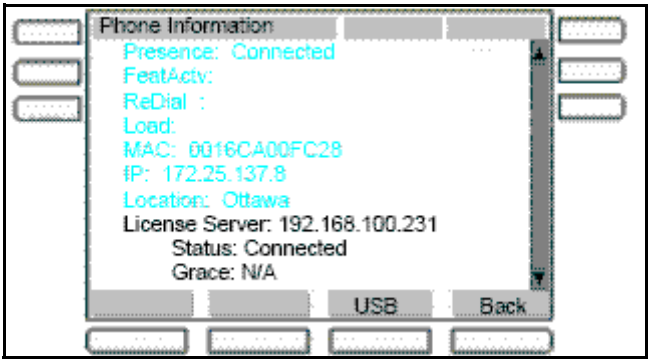
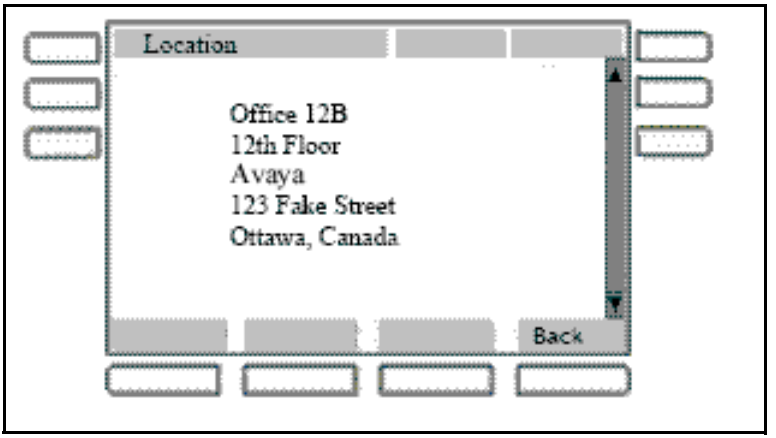


Figure 18 on page 86 displays the location information.

<Will always say No Information when viewed from the phone.>

Figure 18: Phone location display



You can obtain location information only if it has been configured on your system.

<Will always say No Information when viewed from the phone.>

Configuring the Avaya 1140E IP Deskphone

You can adjust a few settings of the Avaya 1140E IP Deskphone to conform to the environment where you want to use the phone. These settings are saved to your User Profile. This chapter describes some of the settings that you can customize on your IP Deskphone.

- "Adjusting the display screen contrast" on page 87
- "Creating the idle screen text display" on page 88
- "Configuring the Backlight" on page 89
- "Configuring Menu Auto back-out" on page 90
- "Selecting a ring pattern" on page 92
- "Adjusting the volume" on page 93
- "Selecting a language" on page 99
- "Selecting the date and time format" on page 100
- "USB headset" on page 103

Adjusting the display screen contrast

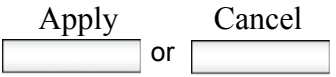
Note: Adjusting the display screen contrast of the IP Deskphone also adjusts the Expansion Module contrast, if you have an Expansion Module connected to your IP Deskphone.

To adjust the display screen contrast:

1. Press the **Prefs** context-sensitive soft key, select **Display**, **Display Settings** and then select **Contrast**.

2. Press the **Left/Right** navigation key to increase or decrease the display contrast level.

3. Choose one of the following:



— Press the **Apply** context-sensitive soft key to save the changes and return to the **Display** menu.

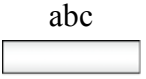
— Press the **Cancel** context-sensitive soft key to keep the existing configurations and return to the **Display** menu.

Creating the idle screen text display

You can create a text to display on the screen, while the phone is idle.

To create the idle screen display text:

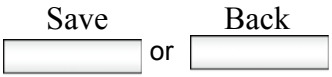
1. Press the **Prefs** context-sensitive soft key, select **Display**, and select **Idle Screen Text Display**.



2. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

3. Use the dialpad to enter the display text you want to appear on the idle screen display of the IP Deskphone.

4. Choose one of the following:



— Press the **Save** context-sensitive soft key to save the idle screen text display.

— Press the **Back** context-sensitive soft key to keep the existing screen display text and return to the **Display** menu.

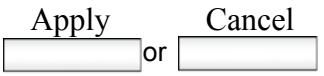
Configuring the Backlight

Note: Configuring the length of time the LCD screen remains backlit on the IP Deskphone also adjusts the Expansion Module backlight time if you have an Expansion Module connected to your IP Deskphone.

To configure the amount of time the LCD screen remains backlit:

1. Press the **Prefs** context-sensitive soft key, select **Display**, **Display Settings** and then select **Backlight** from the menu.

2. Press the **Left/Right** navigation key to increase or decrease the length of time you want the idle screen to remain backlit.



3. Choose one of the following:
   - — Press the **Apply** context-sensitive soft key to configure the length of time for the phone to remain backlit and return to the **Display** menu.
   - — Press the **Cancel** context-sensitive soft key to keep the existing configurations and return to the **Display** menu.

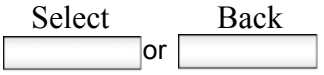
Configuring Menu Auto back-out

You can use the Menu Auto back-out feature to configure the time interval required for the IP Deskphone to go back to the idle screen when the IP Deskphone is left inactive.

To configure Menu Auto back-out:

1. Press the **Prefs** context-sensitive soft key, choose **Display**, and then **Menu Auto back-out**.

2. Choose one of the following:



   - — Press the **Select** context-sensitive soft key.
   - — Press the **Back** context-sensitive soft key to return to the previous menu.

3. Press the **Up/Down** navigation key to scroll through the screen and choose the required time interval.

   Choose one of the following values:

   — Never

   — 10 min

   — 5 min

   — 2 min

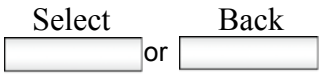
   — 1 min

   — 30 sec

   — 15 sec

   Note: The Never option turns off Menu Auto back-out.

4. Choose one of the following:



   — Press the **Select** context-sensitive soft key to configure the Auto back-out time to the selected (highlighted) value and return to the Display menu.

   — Press the **Back** context-sensitive soft key to dismiss the Auto back-out time menu and return to the Display menu.

Note: When you enter the Auto back-out menu, the current configuration for the Menu Auto back-out time is pre-selected (highlighted) on the list.

When you press the **Select** context-sensitive soft key, the time interval is flagged to commit to the configured preferences (done after the idle screen is displayed), and is used for menu auto back-outs from that point forward.

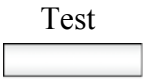
Selecting a ring pattern

You can use the ring pattern feature to select the ring pattern for an incoming call.

To select the ring pattern for an incoming call:

1. Press the **Prefs** context-sensitive soft key, select **Audio**, select **Tones**, and then select **Ring Pattern**.

2. Press the **Up/Down** navigation key to scroll through and highlight the different ring patterns displayed on the LCD screen.



3. Choose one of the following:
   - Press the **Select** context-sensitive soft key to configure the ring pattern and return to the Tones menu.
   - Press the **Test** context-sensitive soft key to briefly play the selected ring pattern.
   - Press the **Back** context-sensitive soft key to keep the existing configurations and return to the previous menu.

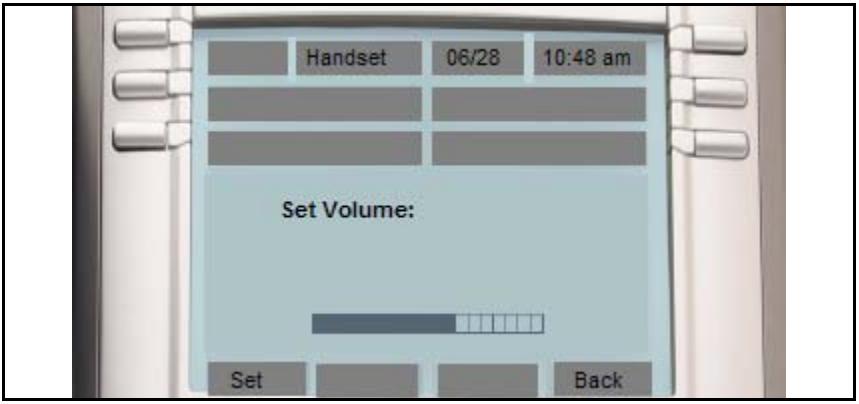
Adjusting the volume

You can adjust the volume of the IP Deskphone for the following:

- Ring Volume
- Handset Volume
- Headset Volume
- Handsfree Volume

A sliding scale appears on the LCD screen display when you adjust the volume. Figure 19 on page 93 shows how to adjust the volume.

Figure 19: Adjusting the volume



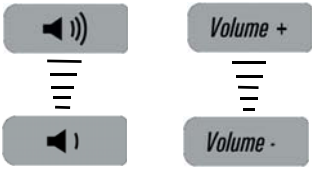
Adjusting the ring volume

You can adjust the ring volume for an incoming call.

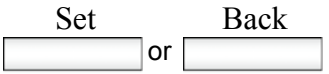
To adjust the ring volume for an incoming call:

Prefs

1. Press the **Prefs** context-sensitive soft key, select **Audio**, select **Tones**, and then select **Alerting Volume**.



2. To adjust the ring volume of an incoming call do one of the following:
   - Press the **Left/Right** navigation key.
   - Press the **Volume** fixed keys to increase or decrease the volume.



3. Choose one of the following:
   - Press the **Set** context-sensitive soft key to configure the selected volume and return to the **Tones** menu.
   - Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Tones** menu.

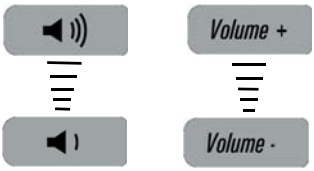
Adjusting the volume of the Handset, headset, and Handsfree mode

You can adjust the volume for the handset, headset, and the handsfree speaker of the IP Deskphone.

To adjust the volume of the handset:

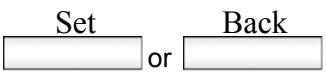
1. Press the **Prefs** context-sensitive soft key, select **Audio**, select **Voice**, and then select **Handset**.

2. To adjust the handset volume use one of the following methods:
   - Press the **Left/Right** navigation key to increase or decrease the volume of the handset.
   - Press the **Volume +** fixed key to increase the handset volume or press the **Volume -** fixed key to decrease the handset volume.



Note: To adjust the volume during a call, use only the **Volume +** and **Volume -** fixed keys.

3. Choose one of the following:
   - Press the **Set** context-sensitive soft key to configure the selected volume and return to the **Voice** menu.
   - Press the **Back** context-sensitive soft key to keep existing configurations and return to the **Voice** menu.

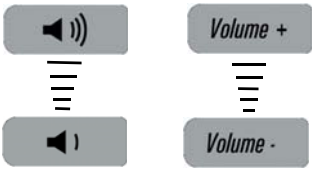


You can adjust the headset volume on the IP Deskphone.

To adjust the headset volume:

1. Press the **Prefs** context-sensitive soft key, select **Audio**, select **Voice**, and then select **Headset**.

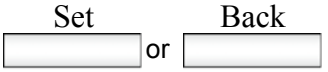
2. To adjust the handset volume use one of the following methods:



   — Press the **Left/Right** navigation key to increase or decrease the volume of the handset.

   — Press the **Volume +** fixed key to increase the handset volume or press the **Volume -** fixed key to decrease the handset volume.

   Note: To adjust the volume during a call, use only the **Volume +** and **Volume -** fixed keys.



3. Choose one of the following:

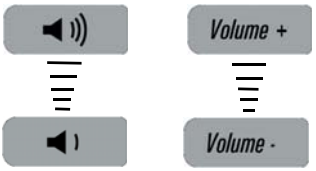
   — Press the **Set** context-sensitive soft key to configure the selected volume and return to the **Voice** menu.

   — Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Voice** menu.

You can adjust the handsfree mode volume on the IP Deskphone.

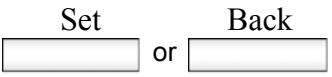
To adjust the handsfree mode volume:

1. Press the **Prefs** context-sensitive soft key, select **Audio**, select **Voice**, and then select **Handsfree**.



2. To adjust the handsfree volume use one of the following methods:
   - Press the **Left/Right** navigation key to increase or decrease the volume of the handset.
   - Press the **Volume +** fixed key to increase the handset volume or press the **Volume -** fixed key to decrease the handset volume.

   Note: To adjust the volume during a call, use only the **Volume +** and **Volume -** fixed keys.



3. Choose one of the following:
   - Press the **Set** context-sensitive soft key to configure the selected volume and return to the **Voice** menu.
   - Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Voice** menu.

Selecting a language

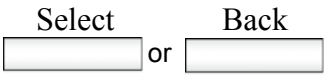
The display is available in multiple languages. A maximum of five languages are accessible through the IP Deskphone. The system administrator determines which languages are available for your IP Deskphone.

To select a language:

1. Press the **Prefs** context-sensitive soft key, and then select **Language**. The current language displays.

2. Press the **Change** context-sensitive soft key to change the language.

3. Press the **Up/Down** navigation key to scroll and highlight the desired language (for example, German [Deutsche]).



4. Choose one of the following:
   - Press the **Select** context-sensitive soft key to save the desired language and return to the previous screen.
   - Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Preferences** menu.

Selecting the date and time format

Several date and time formats are available. Formats are based on the 12-hour and 24-hour clocks.

To select a date format:

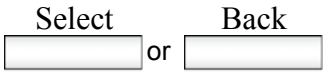
1. Press the **Prefs** context-sensitive soft key, select **Misc Options**, and then select **Time**.

2. Press the **Change** context-sensitive soft key.

3. Press the **Up/Down** navigation key to highlight **Date Format** in the menu.

4. Press the **Change** context-sensitive soft key to change the Date Format.

5. Press the **Up/Down** navigation key to scroll and highlight either a month/day (MM/DD) or a day/month (DD/MM) format.



6. Choose one of the following:
   - — Press the **Select** context-sensitive soft key to save the format and return to the Time Format menu.
   - — Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Time Format** menu.

You can select a time zone for your IP Deskphone.

To select a time zone:

1. Press the **Prefs** context-sensitive soft key, select **Misc Options**, and then select **Time**.

2. Press the **Change** context-sensitive soft key.

3. Press the **Up/Down** navigation key to highlight **Timezone** in the menu.

4. Press the **Change** context-sensitive soft key to change the Date Format.

5. Press the **Up/Down** navigation key to scroll through and highlight the time zones.

   Note: Time zones are listed based on GMT format, for example:

   — GMT -11:00 Samoa

   — GMT -10:00 Hawaii

6. Choose one of the following:

Select or Back

   — Press the **Select** context-sensitive soft key to save the time zone selection and return to the Time Format menu.

   — Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Time Format** menu.

You can select the time zone format for your IP Deskphone.

To select a time format:

Prefs

1. Press the **Prefs** context-sensitive soft key, select **Misc Options**, and then select **Time**.

Change

2. Press the **Change** context-sensitive soft key.

3. Press the **Up/Down** navigation key to highlight **Time Format** in the menu.

Change

4. Press the **Change** context-sensitive soft key change the date format.

5. Press the **Up/Down** navigation key to scroll and highlight a time format:
   - 12-hour
   - 24-hour
   - French

Select or Back

6. Choose one of the following:
   - Press the **Select** context-sensitive soft key to save the time format and return to the **Time Format** menu.
   - Press the **Back** context-sensitive soft key to keep the existing configurations and return to the **Time Format** menu.

USB headset

You can attach only one USB headset to the IP Deskphone. (If you add an additional USB headset, the IP Deskphone ignores it without any message.) When you connect the USB headset to the USB port of the IP Deskphone, the IP Deskphone configures the headset to work with it.

Table 9 on page 104 lists the types of USB headsets that work with the IP Deskphone.

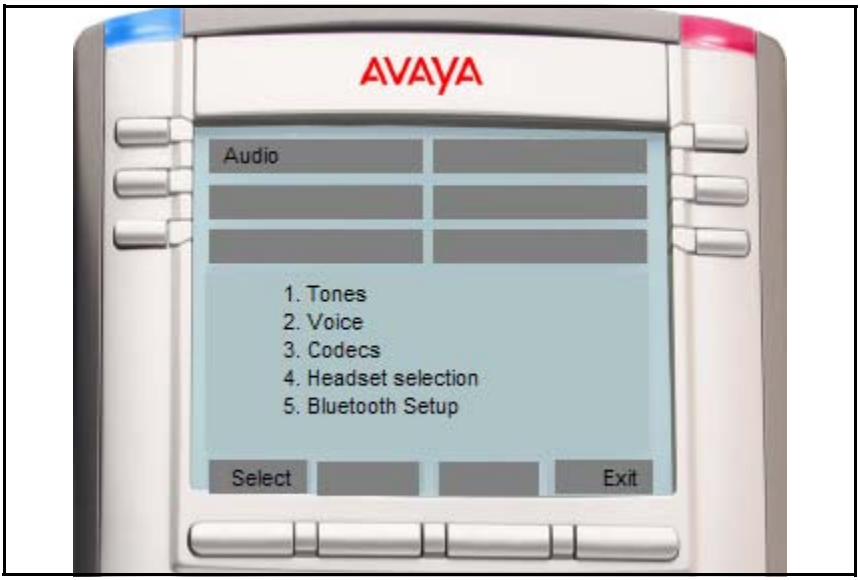
Table 9: Supported USB headset types

Headset type	Frequency
Avaya Enhanced USB headset adapter	8 KHz
Avaya Mobile USB headset adapter	8 KHz
Plantronics CS50/CS60 Wireless USB headsets	8-48 KHz Continuous Spectrum
GN Netcom 9300 series wired and wireless USB headsets	16 KHz
Algo Analog Terminal Adapter	8 KHz

Headset menu

The USB Audio feature adds the USB headset as an alternative headset in addition to the wired and the Bluetooth headset. You can add a headset to your preferences by clicking on the **Prefs** context-sensitive soft key, and then choosing **Audio**. The Audio option allows you to select and configure the preferred headset. Figure 20 on page 105 displays the Audio menu with the **Headset Selection** menu item.

Figure 20: Preferences menu with headset menu item



On the IP Deskphone, after you select the **Prefs**, **Audio**, and **Headset Selection** menu items, use the headset screen to select the desired headset and corresponding functional parameters. Figure 21 on page 106 displays the headset screen.

Figure 21: Headset screen

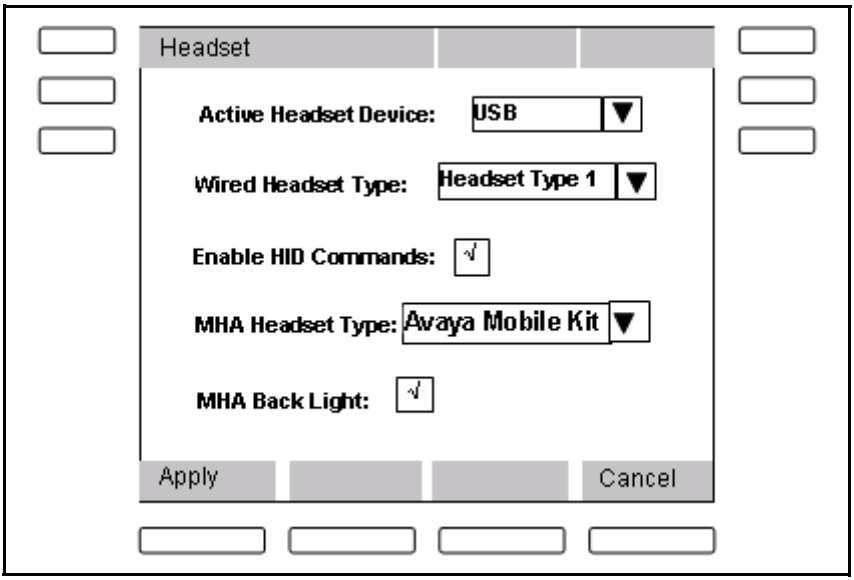


Table 10 on page 107 describes the configuration options on the headset screen.

Table 10: Configuration options on the headset screen (Part 1 of 3)

Option	Function
Active Headset Device	Select the active headset device; either USB, Wired, or Bluetooth. ***Note:*** The headset can be selected before it is paired (Bluetooth) or attached (wired or USB). Items below the Active Headset Device field are dimmed, if either USB headset is not selected or if the attached headset is not one of the Human Interface Device (HID) supported headset types.
Wired Headset Type	Select the type of wired headset you required. • Headset Type 1 (Generic narrow band) • Headset Type 2 (Wideband) • Headset Type 3 (Wideband)

Table 10: Configuration options on the headset screen (Part 2 of 3)

Option	Function
Enable HID Commands	Enable HID Commands only if USB headset is selected. The checkbox is used to enable the HID commands of supported headsets to allow the IP Deskphone to run in generic mode 1 operation, supporting both USB audio and HID commands. The configuration is ignored for non-supported USB headsets.
MHA Headset Type	Choose an MHS Headset Type only if Avaya headset adapter is detected. This list contains the different wired headset types that can be attached to the Avaya Enhanced or Mobile Adapters for loss plan adjustment. The command is ignored for other types of USB headsets. This item is dimmed if the attached headset is not one of the Avaya headset types.

Table 10: Configuration options on the headset screen (Part 3 of 3)

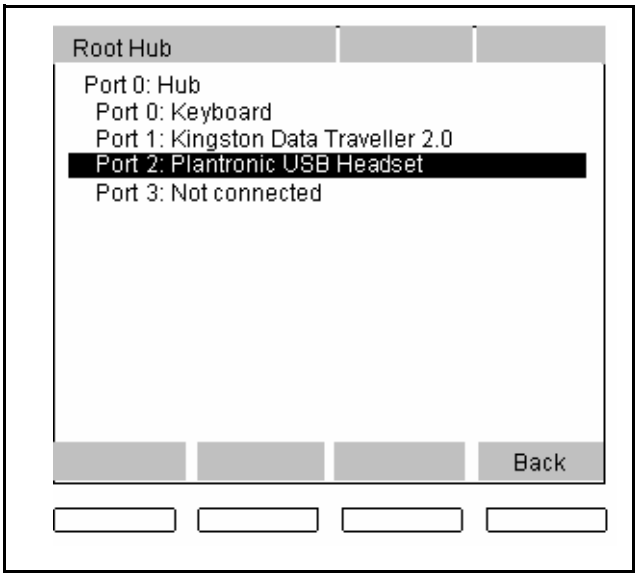
Option	Function
MHA Back Light	Enable the MHA Back Light (only if Avaya headset adapter is detected). The checkbox is used to enable or disable the back light equipped in Avaya Enhanced or Mobile headsets. The command is ignored for other types of USB headsets. This item is dimmed if the attached headset is not one of the Avaya headset types.

The changes in the menu take effect immediately if the device is attached. The active voice path switches to the selected headset if you are on an active call. If you press the **Apply** context-sensitive soft key, then the changes are applied, the settings are made permanent by storing the values in persistent storage, and they are applied every time the IP Deskphone starts up. However, all changes made are ignored and restored if you press the **Back** context-sensitive soft key.

Presence of USB headset

On the **Services** menu, choose **Phone Information**, and then select **USB** to verify the presence of the USB headset attached to the IP Deskphone. When you select the **USB** menu, the attached USB headset is displayed along with other USB devices. The name of the USB device directly appears from the USB devices themselves. The product description has no explicit USB headset indications for the attached USB headset. The following figure displays the headset setting screen.

Figure 22: Presence of USB headset screen



Audio format selection

After the IP Deskphone receives the endpoint configurations, it searches the records to select an audio format that matches the IP Deskphone requirements. If no match is found, then the default audio format is used. After you select the format, the IP Deskphone sends a command to the device to select the corresponding endpoints for audio transfers.

The IP Deskphone supports both 8KHz and 16KHz audio. You can select the 16KHz audio, if the headset supports it. The IP Deskphone is a mono device with only one voice channel. For stereo USB headsets detected, the IP Deskphone replicates one channel voice data to both left and right channels of the headsets to simulate stereo output.The following table lists the audio format requirements supported by the IP Deskphone.

Table 11: Supported USB audio formats

Audio Parameters	Values
Audio Format	PCM only
Subframe size	2
Bit Resolution	16 bits
Frequency Type	Continuous (0) or Discrete (> 0)
Sample Frequency	If Continuous, default to 16 KHz. If Discrete, 8 KHz, 16KHz or 8KHz multiple. Preference is given to 16KHz audio, if supported
Audio Channel	Mono (1) or Stereo (2)

After you select the format and the Set Interface command is sent, the USB headset runs in Generic Mode 1 operation (both audio and HID) or Mode 2 operation (audio only). If the headset runs in Mode 1 operation, the IP Deskphone configures the task or callback to communicate with the USB HID control events between the IP Deskphone and the headset. You can insert the headset during an active call. The IP Deskphone synchronizes the headset state machine of the IP Deskphone to the current state of the headset to ensure the LED match status.

During the call, if the audio negotiated between the two parties is set to 8KHz audio and the IP Deskphone is setup for 16KHz USB headset audio, the IP Deskphone performs the transcoding between 8KHz audio to 16KHz audio. Likewise, if the audio negotiated between the two parties is set to 16KHz audio and the headset supports only 8KHz audio, the IP Deskphone performs the transcoding between 16KHz audio to 8KHz audio.

Generic USB headset

When a generic USB headset (or supported headset with HID command disabled) is attached to the IP Deskphone and selected, it behaves like a wired headset. All call controls, on hook, off hook, mute, volume up, and volume down are performed using the keys on the IP Deskphone. The IP Deskphone does not use the User interface elements on the headset,

including LEDs if present. When the USB headset is selected, the voice path to or from the USB headset is used in an active call.

Avaya USB headset adapter with HID

When you enable the HID support for Avaya USB Mobile or Enhanced adapter, then the IP Deskphone makes use of the UI elements on the adapter. Both type of USB headsets are stimulus devices, as the IP Deskphone can have complete control of the LEDs. Table 12 on page 112 lists the features of the Avaya USB headset adapter.

Table 12: Avaya USB headset adapter with HID support

Feature	Description
Key Event	Key press on the adapter generates events only with a state maintained and actions taken by the IP Deskphone. There is a one-to-one mapping on most of the keys on the adapter to the keys on the IP Deskphone (the Avaya Enhanced Adapter has a Avaya logo key which does not exist on the IP Deskphone). Table 13 on page 115 illustrates the mappings: Key press events on the adapter are sent to the IP Deskphone through the USB. When the IP Deskphone receives these events, it maps them to the corresponding key events as if the keys on the IP Deskphone are pressed.

Feature	Description
LED	There are two LEDs on the adapters, one for the mute status and the other for message waiting. These two LEDs are also mapped to the corresponding LEDs on the IP Deskphone. The IP Deskphone synchronizes the LEDs status with that of the IP Deskphone: the Mute LED for mute indication and the Message Waiting LED for message waiting and incoming call (flash) indications. The Avaya USB Enhanced Adapter has an extra port to connect an external alerter. If there is an external alerter attached, the external alerter is kept synchronized with the Message Waiting LED.
Attached Indicator	When a Avaya USB Mobile or Enhanced headset is connected to the IP Deskphone, after enumeration, the IP Deskphone flashes the LEDs on the headset for a short duration to indicate the headset is ready to use.
Back Light	Both adapters have a back light to allow easy identification of the adapters. If the back light is enabled in the headset screen, the back light of the adapter turns on after enumeration.
Message Waiting	If there is voice message waiting on the IP Deskphone, the IP Deskphone turns on the red message waiting LED on the IP Deskphone and on the adapter. The IP Deskphone turns off the red message waiting LED if there is no voice message waiting.

Feature	Description
External Alerter	The Avaya USB Enhanced Adapter has a port to allow an External Alerter (large LED indicator) to attach to the adapter. The IP Deskphone uses HID commands to keep the External Alerter synchronized with the red Message Waiting LED on the IP Deskphone and on the adapter.
Incoming Call	When there is an incoming call, the IP Deskphone sends an alerting event to the adapter. The red Message Waiting LED flashes to indicate there is an incoming call on the IP Deskphone.
Caller ID Information	Not applicable.
Call Answer	You can answer an incoming call by pressing the headset key on the IP Deskphone or the Off Hook (Green) key on the adapter. After a call is answered, audio data flows between the IP Deskphone and the headset adapter through the USB.
Outgoing Call	You can make an outgoing call by either pressing the headset key on the IP Deskphone, or the Off Hook (Green) key on the adapter. When off hook, the IP Deskphone streams dial tone to the headset. The telephone number must be dialed using the key pad of the IP Deskphone. After a call is answered, audio data flows between the IP Deskphone and the headset adapter through the USB.
Call Release	You can release an incoming call or an outgoing call by pressing either the On Hook (Red) key on the adapter, or the Release (Goodbye) key on the IP Deskphone. After a call is released, audio data between the IP Deskphone and the headset stops.

Feature	Description
Call Mute	Pressing the Mute key on the adapter is equivalent to pressing the Mute key on the IP Deskphone. After processing the mute event, the voice path from the IP Deskphone to the far end is muted. Both the Mute LED on the IP Deskphone and the LED on the adapter are lit to indicate the call is muted. When unmuted, the voice path resumes and both LEDs go off.
Volume Up/Down	Pressing the Volume Up/Down key on the adapter is equivalent to pressing the Volume Up/Down key on the IP Deskphone. After processing the Volume Up/Down events, the system volume changes and affects the volume on the attached headset.
Audio Processing	Same as the wired headset. Audio quality is restricted to narrow band with mono voice channel only.

Table 13 on page 115 lists the Avaya USB adapter key mappings.

Table 13: Avaya USB adapter key mappings

Keys on adapter	Keys on the IP Deskphone
Blue Key	Expand Key
Green Key	Headset Key
Red Key	Release Key
Mute Key	Mute Key
Volume Up/Down	Volume Up/Down

The Blue key is mapped to the Expand key on the IP Deskphone. Therefore, pressing the Blue key invokes the Instant Messaging screen.

Third–party USB headsets with HID

Both USB Audio and USB HID commands are supported. The two classes of third-party USB headsets are as follows:

- Plantronics CS50/CS60 Wireless USB headsets
- GN Netcom 9300 series wired and wireless USB headsets

The HID support of third-party USB headsets performs differently from the Avaya headset. The headsets are independent devices with an internal state machine to control LED operations and headset behavior.

Table 14 on page 117 lists the features of a third–party USB headset with HID support.

Table 14: Third-party USB headset with HID support features (Part 1 of 5) (Part 1 of 5)

Feature	Description
Key Events	Both types of headsets have equivalent mechanisms to generate the following key events: • On Hook • Off Hook • Mute • Volume Up/Down The headsets send the corresponding HID commands to the IP Deskphone to synchronize call processing operations. When the IP Deskphone receives these commands, the IP Deskphone maps them to the corresponding key events (except the Volume Up/Down keys) as if the keys on the IP Deskphone are pressed. If the corresponding keys on the IP Deskphone are used instead, the IP Deskphone sends the HID commands to the headsets to allow the headsets to update their internal state machine.
LEDs	Both types of headsets have LEDs on the base station for status indication. These LEDs are controlled by the headset base stations themselves according to their internal state machines. The IP Deskphone has no direct control of these LEDs.

Table 14: Third-party USB headset with HID support features (Part 2 of 5) (Part 2 of 5)

Feature	Description
Attached Indicator	Both types of headsets can have attached indications independent of the IP Deskphone operations. The GN Netcom (Jabra) 9350 headset can take over 3 seconds to complete the enumeration process after the headset is attached to the IP Deskphone. During enumeration, the LEDs at the bottom of the base station flash. The enumeration process is complete only when there is a blink at the headset piece and the base LEDs become solid.
Back Light	Not applicable
Message Waiting	Not applicable
External Alerter	Not applicable
Incoming Call	When there is an incoming call, the IP Deskphone sends an alerting event to the headset. Each type of headset has different incoming call indications.
Caller ID Information	Not applicable

Table 14: Third-party USB headset with HID support features (Part 3 of 5) (Part 3 of 5)

Feature	Description
Call Answer	You can answer an incoming call by pressing the headset key on the IP Deskphone or the Off Hook equivalent key on the headset. The IP Deskphone coordinates the key events from both sources and performs the necessary call processing operations. Call connected indications, if available, are autonomous within the headset to match its internal state. After a call is answered, audio data flows between the IP Deskphone and the headset through the USB.
Outgoing Call	You can make an outgoing call by either pressing the headset key on the IP Deskphone or the Off Hook equivalent key on the headset. When off hook, the IP Deskphone streams dial tone to the headset. This class of headset has no dial pad and the telephone number must be dialed using the key pad of the IP Deskphone. After the call is connected, voice data streams between the IP Deskphone and the headset.

Table 14: Third-party USB headset with HID support features (Part 4 of 5) (Part 4 of 5)

Feature	Description
Call Release	You can release an incoming call or an outgoing call by pressing either the Release (Goodbye) key on the IP Deskphone or the On Hook equivalent key on the headset. After a call is released, audio data stops between the IP Deskphone and the headset. If you are using the Plantronics headset, to release a call, press and hold the answer/release toggle button for more than two seconds.
Call Mute	The mute key event is handled independently on the headset. The corresponding HID command is sent to the IP Deskphone to synchronize IP Deskphone status. Mute status indication on the headset is also independent. When muted, the headset streams blank audio to the IP Deskphone and the IP Deskphone also mutes the audio to the far end (double muted).
Volume Up/Down	This class of headsets manages volume changes locally whenever Volume Up/ Down keys are pressed. Pressing the Volume Up/Down keys on the headset has no effect on system volume. The IP Deskphone ignores volume events from the headsets to avoid double volume changes. On the other hand, volume changes on the IP Deskphone change the system setting and indirectly affects the volume level on the headset.

Table 14: Third-party USB headset with HID support features (Part 5 of 5) (Part 5 of 5)

Feature	Description
Audio Processing	Same as the wired headset. Both headsets support Wideband audio. The IP Deskphone selects to use 16KHz audio to match the audio characteristics of the headset.

Table 15: Summary of ATA characteristics (Part 1 of 3)

Feature	Description
Key Events	In addition to On hook, Off hook events, dial pad digit events from the attached analog device are also supported. Key press events on the adapter are sent to the IP Deskphone through the USB. After the IP Deskphone receives these events, it maps them to the corresponding key events as if the keys on the IP Deskphone are pressed.
LEDs	Not applicable.
Attached Indicator	Not applicable.
Back Light	Not applicable.
Message Waiting	Not applicable.
External Alerter	Not applicable.
Incoming Call	When there is an incoming call, the IP Deskphone sends an alerting event to the adapter. The adapter produces the ring tones for the attached analog device to indicate there is an incoming call on the IP Deskphone.
Caller ID Information	Caller ID, if available, is also sent to the adapter. The adapter sends the CLID to the attached analog device for display.

Table 15: Summary of ATA characteristics (Part 2 of 3)

Feature	Description
Call Answer	You can answer an incoming call by pressing the headset key on the IP Deskphone or the Off Hook key on the attached analog device. After a call is answered, the adapter converts the digital voice data to analog and sends it to the attached analog device.
Outgoing Call	You can make an outgoing call by either using the headset key on the IP Deskphone or the Off Hook key on the attached analog device. When off hook, the IP Deskphone streams dial tone to the adapter. The telephone number can be dialed using the key pad of the IP Deskphone or the key pad of the analog device. After a call is answered, the adapter converts the digital voice data to analog and sends it to the attached analog device.
Call Release	You can release an incoming call or an outgoing call by either pressing the Release (Goodbye) key on the IP Deskphone or On Hook key on the analog device.
Call Mute	The analog device may have a mute key to stop voice transmission; however, the Mute key event on the analog device is not supported.
Volume Up/Down	The Volume Up/Down key on the analog device, if available, is independent of the IP Deskphone operation.

Table 15: Summary of ATA characteristics (Part 3 of 3)

Feature	Description
Audio Processing	Same as the wired headset. Audio quality is restricted to narrow band with mono voice channel only.

Configuring Bluetooth wireless technology headset

Your IP Deskphone is equipped with a wireless audio gateway system to support Bluetooth wireless technology enabled headsets.

To open the Bluetooth Setup dialog box:

1. Do one of the following:
   - — Double-press the **Headset** key quickly.
   - — Press the **Prefs** context-sensitive soft key, select **Audio**, and then select **Bluetooth Setup** from the menu.

The IP Deskphone with SIP Software supports the Plantronics Voyager 510S Bluetooth wireless technology headset.

If the Bluetooth Setup menu appears dimmed or fails to open when you double-press the **Headset** key, the feature is not enabled on your IP Deskphone. Before you can use a Bluetooth wireless technology headset with your IP Deskphone, the system administrator must activate the feature. Contact your administrator to inquire if Bluetooth wireless technology functionality is available for your use.

Avaya recommends that you do not pair more than one headset of the same model because they have identical names in the **Paired** list.

Note: Avaya recommends that you do not pair more than one headset of the same model because they have identical names in the **Paired** list.

To pair a wireless headset with your IP Deskphone:

1. Double-press the **Headset** key to open the Bluetooth Setup dialog box.

   The **Enable Bluetooth** check box is highlighted.

   If the Bluetooth Setup menu fails to open when you double-press the **Headset** key, the Bluetooth wireless technology feature is not enabled on your IP Deskphone. Contact your administrator.

2. Press the **Enter** key to activate the Bluetooth wireless technology.

   A check mark appears to indicate that the feature is activated. The message `BT Enabled` appears at the bottom of the display.

3. Put your Bluetooth wireless technology headset in its pairing or search mode. The procedure for doing this can be different for each headset. Refer to the documentation that accompanies your headset or contact the vendor.

4. Ensure that your headset is in Pairing or Search Mode.

5. Press the **Right** navigation key twice, and highlight the **Search** button, displayed next to the Search Devices item.

6. Press the **Enter** key.

The message `Searching….` appears. It can take up to two minutes for the search to complete.

If the search is successful, the message `Search Completed Found Device(s)` appears, and a list of devices that support Bluetooth wireless technology appears in the **Found** list.

7. If the search is successful, proceed to step 9.

8. If the search is not successful, the message `Search completed. No device found` appears. If this happens, or if the headset times out and exits the search/pairing mode, power off the headset, and repeat steps 4 to 8.

   If pairing is still unsuccessful, pair the IP Deskphone to another wireless headset, or contact the headset vendor.

9. When the name of your headset appears in the **Found** box, press the **Stop** context-sensitive soft key or wait for the search to finish.
   When the search is complete, the message `Search Completed Found Device(s)` appears.

10. If the name of your headset appears in the **Found** box, proceed to step 15.

    If your headset is not displayed in the **Found** box, select your headset from the list.

11. Press the **Right** navigation key one or more times to highlight the **Found** box. Press the **Enter** key to start the edit mode.

12. Press the **Down** navigation key to open the **Found** list. Press the **Up/Down** navigation key to scroll and highlight your headset.

13. Press the **Enter** key to select the headset and close the list. Press the **Enter** key to exit edit mode.

14. Press the **Right** navigation key one or more times to highlight the **Pair** button (next to the Pair Device item) and press the **Enter** key.
    A dialog box appears, with the prompt `Enter PIN#`.

15. Use the telephone dialpad to enter the PIN for the wireless headset and press the **Enter** key.
    Check your headset documentation to find the headset PIN or passkey. Often, the PIN or passkey is 0000.

16. If the headset is successfully paired with your IP Deskphone, proceed to step 17. To verify that the pairing is successful, ensure that the headset appears in the list next to the **Paired** item. If pairing is successful, the message `Pair completed` also appears at the bottom of the screen.

    If the headset is not successfully paired with your IP Deskphone, an error message appears at the bottom of the screen. If an error message appears:

    — Confirm that the wireless headset is still in search/pair mode.

    — If the headset timed out and exited search/pairing mode, put the headset in pairing mode, as discussed in step 4, and repeat step 15.

    — Check that you are using the correct PIN and repeat step 15.

17. If the name of your headset appears in the **Paired** box, proceed to step 18.

    If more than one device is paired, and the one you wish to use is not shown in the **Paired** box, navigate to the one you want, as follows:

    — Press the **Right** navigation key one or more times to highlight the **Paired**: box. Press the **Enter** key to start the edit mode.

    — Press the **Up/Down** navigation key to open the list. Press the **Up/Down** navigations key to scroll in the **Paired** list and highlight your headset.

    — Press the **Enter** key to select the headset and close the list. Press the **Enter** key to exit edit mode.

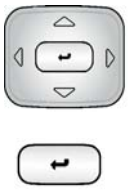
18. If only one headset is paired, proceed to step 18.

    If more than one wireless headset is paired, the first headset paired is automatically made the active device. To make a different headset active, do the following:

    — Press the **Right** navigation key one or more times to highlight the **Set** button (next to the Set Active Device item).

    — Press the **Enter** context-sensitive soft key.

    The message "`Set active: “device name`” appears meaning that the headset named is now the active headset and is used when you press the headset key.



19. Press the **Exit** context-sensitive soft key to exit to the main display. Changes are saved automatically.

Dual pairing headsets

Take special care when using a dual pairing type of Bluetooth wireless technology headset. This type of headset can be paired to the base of the headset, as well as to the IP Deskphone. If the headset is paired to both, and the IP Deskphone is the second device, then following **applies:**

Press the **Headset** key:

- If a single tone sounds, the headset is connected to the base.
- If a double beep sounds, the headset is connected to the IP Deskphone.

- If the base is powered off, the headset is only paired to the IP Deskphone, and you can press the telephone key to connect to the IP Deskphone.

  Note: Unless you need to dual pair a headset, operating the headset with the IP Deskphone is simpler if the headset is only used with its charging-only base. You should power off the desktop telephone base, if it is not in use.

Interaction with wired headsets

If you connect a Bluetooth wireless technology headset and a wired headset to the same Avaya 1140E IP Deskphone, the two interact as follows:

- If a wireless headset is not paired, the wired headset works as normal. Likewise, if a wireless headset is paired with a wired headset, but the wireless headset is not in range, the wired headset works as normal.
- If the Use BT headset checkbox is selected, the wireless headset is used as the IP Deskphone headset.

The Bluetooth wireless technology headset can work only if it is within range of the IP Deskphone. As the wireless headset approaches the edge of its wireless range, the audio quality degrades, and radio interference noise increases. When the wireless headset is in connecting range, the **Headset** key controls the wireless headset, even if a wired headset is attached. If a wireless headset moves out of connecting range, a special beep sounds in the headset to indicate that the connection is lost.

When you do not want to use your Bluetooth technology headset

If a Bluetooth wireless technology headset is connected, and you want to use the wired headset, you can switch between the two. It is not necessary to unpair or disable the wireless headset.

You can switch between a wired and wireless headset and back again when the IP Deskphone is idle or during an active call.

To switch between a wired headset and a wireless headset:

1. Double-press the **Headset** key to open the Bluetooth Setup dialog.

2. Press the **Left/Right** navigation key to select the **Use BT Headset** item.

3. Press the **Enter** key to toggle this option on or off.

   A check mark indicates that the wireless headset is used. Clear the check mark to use a wired headset. This option is on (✓) by default.

To unpair a wireless headset:

1. Double-press the **Headset** key to open the Bluetooth Setup dialog box.

2. Press the **Right** navigation key to select the **Paired** item.

3. If the name of your headset appears in the **Paired** box, proceed to step 11.

4. If more than one device is paired, and your headset is not already displayed in the **Paired** box, press the **Right** navigation key one or more times to highlight the **Paired** box.

5. Press the **Enter** key to open edit mode.

6. Press the **Up/Down** navigation key to open the list.

7. Press the **Up/Down** navigation key to scroll through the list and highlight your headset.

8. Press the **Enter** key to select the headset and close the box.

9. Press the **Enter** key to exit edit mode.

10. Press the **Right** navigation key one or more times to highlight the **UnPair** button (next to the UnPair Device item).

11. Press the **Enter** key.

    Your Bluetooth wireless technology headset is unpaired and removed from the **Paired** item list.

Your Bluetooth wireless technology headset is no longer paired with your IP Deskphone, and you can use the wired headset. To use the wireless headset again, you must perform the pairing and activation procedure.

Making a call

This section describes the methods you can use to make a call. You can make a call from your IP Deskphone using one of the following:

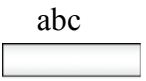
- “Making a call using off-hook dialing” on page 136
- “Making a call using on-hook dialing” on page 138

You can also initiate a call while using one of the following features:

- “The Address Book” on page 159
- “Call Inbox” on page 177
- “Call Outbox” on page 189
- “Instant Messaging” on page 196

Making a call using off-hook dialing

To make a call using off-hook dialing:



1. Make a call by using one of the following off-hook dialing methods:
   - — Press the **Line** feature key
   - — Lift the handset
   - — Press the **Headset** fixed key
   - — Press the **Handsfree** fixed key

   The IP Deskphone produces a dial tone.

2. You can make a call using one of the following methods:
   - — Enter the phone number or SIP address by using the dialpad.

   Note: The **abc/123** context-sensitive soft key toggles between alphabetic and numeric input.

— Press the **Redial** context-sensitive soft key to dial the last dialed number.

Note: The **Redial** context-sensitive soft key only appears if a number or address was previously entered.

— Press the **Msgs** context-sensitive soft key and then select **Voice Mail** from the Messages menu to access your voice mail.

— Press the **Speed dial** feature key that you programed to call with a commonly used or important phone number or SIP address.

Note: You can program a feature key to use as a shortcut to dial a number or a SIP address. For more information, see "To program a Speed Dial feature key:" on page 248.

3. Press the **Send** context-sensitive soft key to immediately initiate the call.

Note: The IP Deskphone automatically initiates a call shortly after you enter the SIP address or phone number.

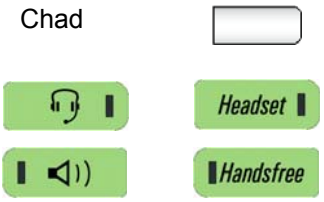
Making a call using on-hook dialing

You can make a call by using on-hook dialing. Enter the SIP address or the phone number before going off-hook.

Note: When you use this method, you cannot toggle between alphabetic or numeric input.

To make a call using on-hook dialing:

1. Dial the number or SIP address.



2. Continue the call by using one of the following methods:
   - Press the **line** feature key.
   - Press the **headset** fixed key.
   - Press the **Handsfree** fixed key.

3. To terminate the call, choose one of the following:
   - Replace the handset into the cradle.
   - Press the **Goodbye** key.

Using handsfree calling

While on an active call, you can switch between the handset and handsfree mode.

To end a handsfree call:

Press the **Goodbye** key

To mute a handsfree call:

1. Press the **Mute** key.
   The LED indicator lights.

2. Press the **Mute** key again to return to a two-way handsfree conversation.

To switch from the handsfree to handset mode:

Lift the handset.

To switch from the handset mode to handsfree mode:

1. Press the **Handsfree** key.
   The LED indicator lights with a solid red light.

2. Replace the handset.

To use a headset:

1. Connect the headset to the headset jack or the handset jack.

2. Press the **Headset** key.
The LED indicator lights.

3. Press the **Goodbye** key or press the button on the wireless headset, if equipped, to release a call.

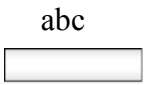
To switch from handsfree to headset:

1. Press the **Headset** key.
The LED indicator lights.

To enter a call subject from a list:

1. Press the **Subject** context-sensitive soft key to send a Call Subject with the call you are making.
   A list of Call Subjects appears on the LCD screen.

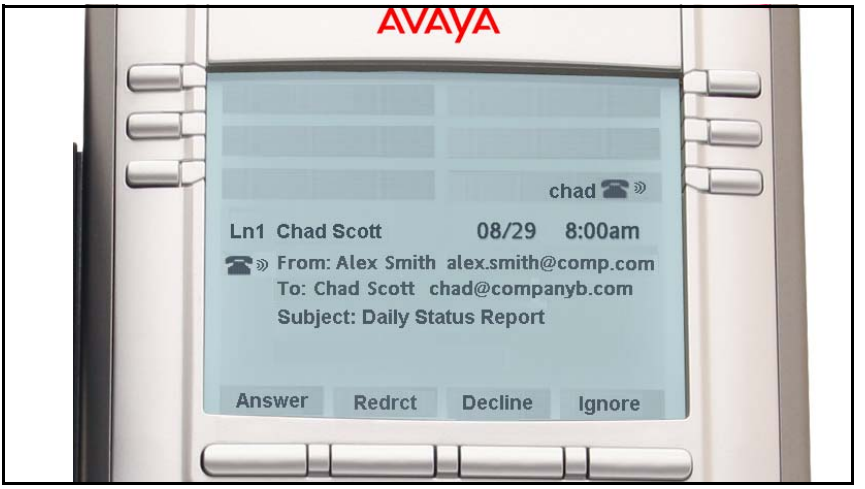
2. Choose one of the following:
   — Press the **Up/Down** navigation key to highlight the Call Subject you want to use and press the **Select** context-sensitive soft key.
   The IP Deskphone sends the Call Subject to the contact you are calling.
   — Press the **New** context-sensitive soft key to create a new Call Subject that is not on the list.



3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

4. Use the dialpad to enter the Call Subject.

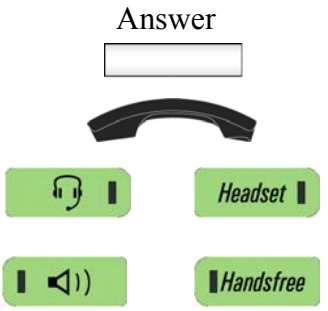
Figure 23: Incoming call screen



Answering an incoming call

When you can answer an incoming call, you can choose one of four methods.

To answer an incoming call:



1. Choose one of the following:
   - Press the **Answer** context-sensitive soft key that activates a Handsfree call.
   - Lift the handset.
   - Press the **Headset** fixed key.
   - Press the **Handsfree** fixed key.

Receiving a call

When you receive a call, you are typically notified by the alerting ring, and the incoming caller identification appears on the LCD screen. The incoming call forces the screen to exit active menu activities and takes precedence over a pop-up Instant Message (IM).

Caller identification

When you receive an incoming SIP call, the Caller ID information appears on the LCD screen. When you receive a call from a contact that is entered in the IP Deskphone Address Book, the caller information appears as it is in the Address Book. See Figure 23 on page 148.

You can restrict the information displayed for incoming calls or for calls you make. For more information, see “Configuring Privacy settings” on page 273.

When you receive an incoming call you can do one of the following:

- **Answer an incoming call. See** “Answering an incoming call” on page 148**.**
- **Redirect an incoming call. See** “Redirecting an incoming call” on page 149**.**
- **Decline an incoming call. See** “Declining an incoming call” on page 151**.**
- **Ignore an incoming call. See** “Ignoring an incoming call” on page 156**.**

Redirecting an incoming call

When you receive a call, you can choose to redirect the call to another destination without answering the call.

To redirect a call, press the **Redrct** context-sensitive soft key. To enter a SIP address or phone number where you want the call redirected, use one of the following methods:

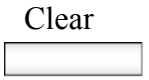
- Enter the SIP address or phone number by using the dialpad.
- Select a contact from the Address Book, Call Inbox, or Call Outbox.

To redirect an incoming call by using the dialpad:

1. Press the **Redrct** context-sensitive soft key to redirect an incoming call.
   The LCD screen prompts you to enter an address to which you want the call directed.

2. Use the **Dialpad** to enter a phone number or SIP address.

   Note: Do not use the **#** key to end dialing when you redirect a call. The call returns a busy signal and does not connect.



3. To redirect the call to the address you enter, choose one of the following:
   - — Press the **Redrct** context-sensitive soft key.
   - — Press the **Clear** context-sensitive soft key to clear the entry.
   - — Press the **Back** context-sensitive soft key to return to the **Incoming Call** screen without redirecting the call.

To redirect a call by using the Address Book, Call Inbox, or Call Outbox:

1. Press the **Redrct** context-sensitive soft key to redirect an incoming call.

2. To select a SIP address to redirect the call, do one of the following:

   - — Press the **Directory** fixed key to choose a SIP address from the Address Book.

   - — Press the **Msg/Inbox** fixed key to choose a SIP address from the Call Inbox.

   - — Press the **Shift/Outbox** fixed key to choose a SIP address from the Call Outbox.

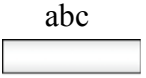
3. Press the **Up/Down** navigation key to highlight a SIP address contact.

Select or Back

4. Choose one of the following:
   - Press the **Select** context-sensitive soft key to select the highlighted SIP address.
   - Press the **Back** context-sensitive soft key to return to the previous screen.

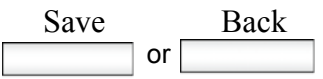
Redrct

5. Press the **Redrct** context-sensitive soft key to redirect the incoming call to the selected address.



3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

4. Use the dialpad to edit the Call Decline Reason.



5. Choose one of the following:
   - Press the **Save** context-sensitive soft key to confirm the changes.
   - Press the **Back** context-sensitive soft key to return to the previous menu without editing the Call Decline Reason.

Ignoring an incoming call

You can terminate an incoming call alert without answering the call or sending a Decline Call reason by pressing the **Ignore** context-sensitive soft key or by pressing the **Goodbye** fixed key. The caller continues to hear the ringing tone but is unaware that you are ignoring the call.

You can set the Call Ignore feature to either Local or Network. When Call Ignore is set to Local, only that IP Deskphone is affected, and it stops ringing when you press the **Ignore** context-sensitive soft key. When Call Ignore is set to Network and you press the **Ignore** context-sensitive soft key, the IP Deskphone stops ringing, and a message is sent to the network indicating that you are busy at all SIP IP Deskphones you are logged on to, and that server should stop trying to contact you.

To set the Ignore feature to Local or Network press the **Prefs** context-sensitive soft key, select **Feature Options**, and then select **Call Ignore Action** from the menu. Press the **Change** context-sensitive key to

change the Call Ignore setting to either Call Ignore: Local, or Call Ignore: Network.

Note: When you are on active call and you receive an incoming call, do not press the **Goodbye** fixed key to ignore an incoming call. If you press the **Goodbye** fixed key, the current call disconnects. Press the **Ignore** context-sensitive soft key to ignore the incoming call.

To ignore an incoming call:

1. Press the **Prefs** context-sensitive soft key, select **Feature Options**, and then select **Call Ignore Action** from the menu.

2. Press the **Change** context-sensitive key to change the Call Ignore setting to either Call Ignore: Local or Call Ignore: Network

3. To terminate an incoming call alert and ignore the incoming call, do one of the following:
   - Press the **Ignore** context-sensitive soft key to terminate an incoming call.
   - Press the **Goodbye** fixed key when you are not on an active call.

- The IP Deskphone auto-answers the intercom call on handsfree after the configured number of seconds pass by.
- The IP Deskphone auto-answers only if you do not answer the call within the configured time limit.
- If you are on an active call, the IP Deskphone does not auto-answer the incoming intercom call.

The Address Book

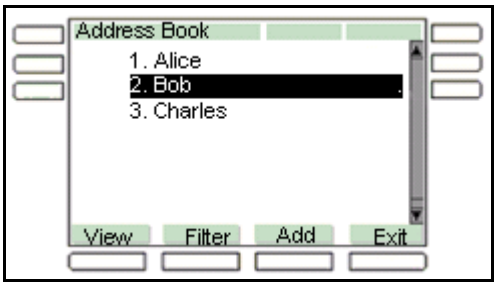
The Address Book is a personal directory of contacts from which you can make a phone call or send an Instant Message (IM).You can access the Address Book while on a call and start a new call from the highlighted contact. You can use the Address Book for the following:

- “Viewing the Address Book” on page 159
- “Initiating a call from the Address Book” on page 160
- “Adding a contact to your Address Book” on page 162
- “Editing a contact in your Address Book” on page 163
- “Copying information to the Address Book” on page 167
- “Searching for a contact in the Address Book” on page 169

Viewing the Address Book

To access the Address Book, press the **Directory** fixed key or press the **View** context-sensitive soft key, and then select **Address Book** from the menu. See Figure 24 on page 159.

Figure 24: The Address Book

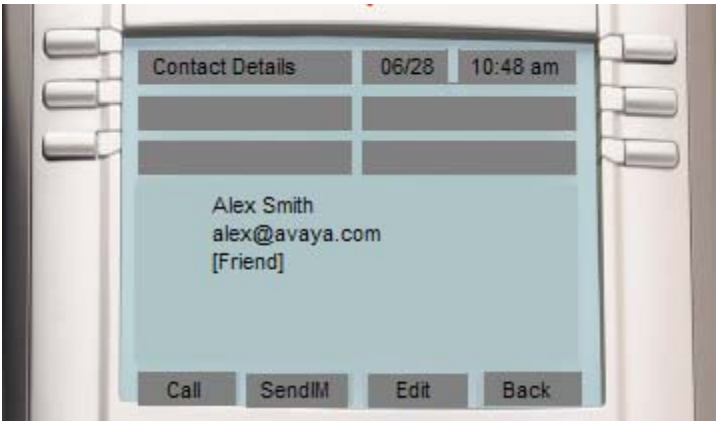


To view information about a contact use the navigation button to highlight a name, and then press the **View** context-sensitive soft key. The name, SIP address, and designation of contact or not as `Friend` appears. See Figure 25 on page 160.

When you view the details of a contact, you can:

- Send an IM. For more information, see “Composing an Instant Message” on page 199.
- Edit the contact information. For more information, see “Editing a contact in your Address Book” on page 163.

Figure 25: Contact details



Initiating a call from the Address Book

You can initiate a call directly from your IP Deskphone Address Book.

> ***Note:*** If your service provider requires that a Directory Number (DN) be used to initiate a call, the Address Book entry must have the DN to initiate a call.

First, go off-hook by using one of the methods described in the section “Making a call using off-hook dialing” on page 136. If needed, you can add a Call Subject. For more information, see “Using Call Subjects” on page 140.

You can also access the Address Book while on an active call and initiate a new call. The IP Deskphone automatically places the active call on hold when you initiate a new call.

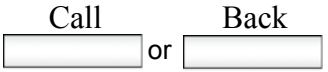
To initiate a call to a contact stored in the Address Book:

1. Press the **Directory** fixed key to select a contact from the Address Book to call.

2. Press the **Up/Down** navigation key to highlight a contact on the list.

3. Press the **View** context-sensitive soft key to make a call to the contact.

4. Choose one of the following:



— Press the **Call** context-sensitive soft key to make a call to the contact.

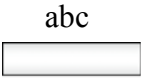
— Press the **Back** context-sensitive soft key to return to the off-hook screen.

Adding a contact to your Address Book

You can add a new contacts to the Address Book of the IP Deskphone.

To add a contact to your Address Book:

1. Choose one of the following:
   - Press the **Directory** fixed key.
   - Press the **Add** context-sensitive soft key, select **Address Book** from the menu, and then press the **New** context-sensitive soft key.



2. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

3. Choose one of the following:
   - Use the dialpad to enter a name for the new contact and press the **Next** context-sensitive soft key to continue.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

4. Use the dialpad to enter a phone number or SIP address (URI) for the new contact.

Yes

No

Back

Ok

5. Do one of the following to complete the entry:
   - Press the **Yes** context-sensitive soft key to add the contact to a group and then select the group for the contact to be added.
   - Press the **No** context-sensitive soft key if you do not want to add the contact to a group, and return to the address menu screen.
   - Press the **Back** context-sensitive soft key to return to the previous menu.
6. Press the **Ok** context-sensitive soft key to complete the entry and return to the Address Book menu.

Editing a contact in your Address Book

You can edit a contact in your Address Book.

To edit a contact in your Address Book:

1. Press the **Directory** fixed key.

View

2. Press the **Up/Down** navigation key to highlight the contact you want to edit, and then press the **View** context-sensitive soft key.

Edit

3. Press the **Edit** context-sensitive soft key to edit the contact information.

abc

4. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

5. Use the dialpad to enter the new name for the contact.

Next

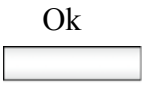
Back

6. Choose one of the following:

   — Press the **Next** context-sensitive soft key to continue.

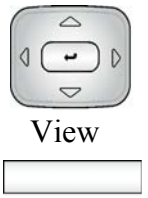
   — Press the **Back** context-sensitive soft key to return to the previous menu.

   Note: If you only need to change the SIP address or phone number for the contact, press the **Next** context-sensitive soft key without making changes to the name.



10. Press the **Ok** context-sensitive soft key to complete the entry and return to the previous menu.

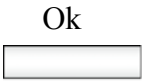
To delete a contact from your Address Book:



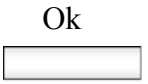
1. Press the **Up/Down** navigation key to highlight the contact you want to delete and press the **View** context-sensitive soft key.

2. Press the **Edit** context-sensitive soft key to access the contact information.

3. Press the **Delete** context-sensitive soft key to completely delete the contact from the Address Book.



4. Choose one of the following:
   - Press the **Ok** context-sensitive soft key to confirm.
   - Press the **Back** context-sensitive soft key to return to the previous menu.



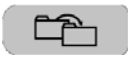
5. Press the **Ok** context-sensitive soft key to complete the procedure and return to the Address Book.

Copying information to the Address Book

To copy information from the Call Inbox or the **Call Outbox** screen to the Address Book use the **Copy** fixed key.

Note: If you press the **Copy** fixed key while in idle mode the message, `No content selected for copying` appears on the screen. This message does not appear when an IM pop-up appears.

To copy a contact to the Address Book:



1. Press the **Up/Down** navigation key to highlight the contact in the Call Inbox or Call Outbox that you want to add to your Address Book and press the **Copy** fixed key.

   A new screen appears offering the following destinations for the contact information:

   — 1. Address Book

   — 2. Speed Dial Key

   — 3. Send IM Key

   — 4. Call Forward Key

Select

2. Press the **Up/Down** navigation key to highlight the Address Book and press the **Select** context-sensitive soft key.

abc

3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

4. Use the dialpad to enter a name for the new entry.

Next

Back

5. Choose one of the following:

   — Press the **Next** context-sensitive soft key to continue.

   — Press the **Back** context-sensitive soft key to return to the previous menu.

   Note: If you do not need to change the name for the contact, press the **Next** context-sensitive soft key.

6. Use the dialpad to enter a new phone number or new SIP address for the contact.

Next

Back

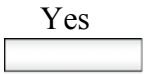
7. Choose one of the following:

   — Press the **Next** context-sensitive soft key to continue.

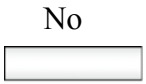
   — Press the **Back** context-sensitive soft key to return to the previous menu.

   Note: If you do not need to change the name for the contact, press the **Next** context-sensitive soft key.

8. Do one of the following to complete the entry:



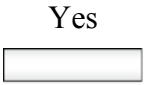
— Press the **Yes** context-sensitive soft key to add the contact to a group and then select the group for the contact to be added.



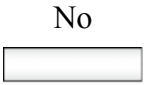
— Press the **No** context-sensitive soft key if you do not want a contact designated as a friend and return to the address menu screen.

— Press the **Back** context-sensitive soft key to return to the previous menu.

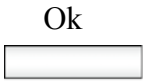
9. Choose one of the following:



— Press the **Yes** context-sensitive soft key to designate the contact as a friend.



— Press the **No** context-sensitive soft key if you do not want to designate the contact as a friend and return to the address menu screen.



10. Press the **Ok** context-sensitive soft key to complete the entry and return to the previous menu.

Searching for a contact in the Address Book

When you access the IP Deskphone Address Book you can perform a search for a contact using one of the following methods:

- Index Search (performs a search based on the index number you enter)

- 1st Character Search (performs a search based on the first character you enter)
- Name Search (performs a search based on the name you enter)

To change the method the IP Deskphone uses to search.

1. Press the **Prefs** context-sensitive soft key, select **Misc Options**, and then highlight **Search Method** from the menu.

2. Press the **Change** context-sensitive soft key.

3. Press the **Up/Down** navigation key to highlight the Search Method you want to use as the default when you search for a contact:
   - 1. Index Search
   - 2. 1st Character Search
   - 3. Name Search

4. Press the **Select** context-sensitive soft key to select a search method, and then return to the previous menu.

Using the Search feature in the Address Book

To search for a contact while accessing your personal Address Book, use the dialpad to enter the search information. For example:

- Index Search—to search for a contact by using the Index Search method, enter the index number. When entering an index number larger than 9, you must enter the next digit quickly to move to that item on the list. For example, if the address you need is item 28 on the list, you must enter the digit 8 quickly after entering the digit 2.

- 1st Character Search—to search for a contact whose name begins with the letter *d*, using the dialpad, press the *d* (3) key on the dialpad. The first entry in the Address Book that begins with the letter *d* appears.
- Name Search—to search for a specific name in your personal Address Book, enter the name by using the dialpad.

Using the Search feature

You can search for a contact that is in your IP Deskphone Address Book (Local Search) or for a contact in a directory that is stored on the call server (Global Search). You can save a contact name and SIP address found on the call server to your personal Address Book stored in your IP Deskphone.

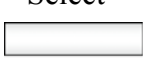
Using Local Search

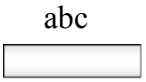
You can search for a contact that is stored in your Address Book.

To search for a contact stored in your Address Book:

1. Press the **Services** fixed key, select **Search**, and then select **Local Search** from the menu.

2. Press the **Up/Down** navigation key and then press the **Select** context-sensitive soft key to choose a search criteria:
   - 1. User Name
   - 2. Name
   - 3. Phone Number





3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

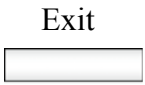
4. Use the dialpad to enter the search information for the contact.

5. Choose one of the following:
   - Press the **Search** context-sensitive soft key.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

   Note: When the search is unsuccessful, the following message appears:
   `No entries found for <search criteria>`

6. When a search result is successful, you can do one of the following:
   - Press the **Up/Down** navigation key to highlight a contact, from the search result and press the **Call** context-sensitive soft key to initiate a call.
   - Press the **Search** context-sensitive soft key to start a new search.

   - Press the **Exit** context-sensitive soft key to return to the idle screen.



7. When a search result is not successful, you can do one of the following:
   - Press the **Search** context-sensitive soft key to return to the search menu and begin a new search.
   - Press the **Exit** context-sensitive soft key to return to the idle screen.

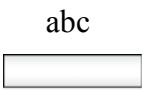
Using Global Search

You can perform a global search for a contact.

To perform a Global Search for a contact:

1. Press the **Services** fixed key, select **Search**, and then select **Global Search** from the menu.

2. Press the **Up/Down** navigation key and then press the **Select** context-sensitive soft key to choose a search criteria:
   - 1. User Name
   - 2. Name
   - 3. First Name
   - 4. Last Name
   - 5. Phone Number



3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

4. Use the dialpad to enter the search information for the contact.

Ok

5. Choose one of the following:
   - Press the **Ok** context-sensitive soft key.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

Back

Note: When the search is unsuccessful, the following message appears:
`No entries found for <search criteria>`

Call

Save

6. When a search result is successful you can do one of the following:

   — Press the **Up/Down** navigation key to highlight a contact from the search result and press the **Call** context-sensitive soft key to initiate a call.

   — Press the **Save** context-sensitive soft key to save the caller information to the Address Book.

   A confirmation screen appears. You can edit the name you save in the Address book. Press the **Save** context-sensitive soft key to accept the entry. Press the **Yes** context-sensitive soft key or the **No** context-sensitive soft key to designate whether the new entry is a friend. The IP Deskphone saves the entry to the Address Book and returns you to the Inbox screen.

Search

Back

7. Choose one of the following:

   — Press the **Search** context-sensitive soft key to start a new search.

   — Press the **Back** context-sensitive soft key to return to the previous screen.

New

Back

8. When a search result is not successful, you can do one of the following:
   - Press the **New** context-sensitive soft key to return to the search menu and begin a new search.
   - Press the **Back** context-sensitive soft key to return to the previous screen.

Call Inbox

While your IP Deskphone is active, all incoming calls are saved in your Call Inbox. You can view the following details about each call:

- Call status (Missed)
- Name of the caller
- SIP address
- Time of the call
- Number of consecutive calls each caller made to you
- Call Subject (if the caller sends a Call Subject)

You can set the filter on your Call Inbox to display all incoming calls or missed calls. You can access your Call Inbox while the IP Deskphone is idle or while you are on a call. Figure 26 on page 177 shows the Call Inbox while the IP Deskphone is idle.

Figure 26: Call Inbox while IP Deskphone is idle

Accessing the Call Inbox

You can access the Call Inbox and initiate a call when the IP Deskphone is:

- Idle. For more information, see “Managing calls in the Call Inbox while not on a call” on page 178.
- Active. For more information, see “Accessing the calls in your Call Inbox during a call” on page 188.

Managing calls in the Call Inbox while not on a call

You can manage calls in the Call Inbox while you are not on a call.

To manage calls in the Call Inbox while not on a call:

1. Press the **Msg/Inbox** fixed key.

2. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Inbox.

   Note: You can initiate a call to the highlighted caller. For more information, see “Initiating a call from the Call Inbox” on page 185.

Enter

Missed

Missed

All

All

Delete

Delete

Exit

Exit

3. Do one of the following:

— To place a call to the selected address using the primary login of the IP Deskphone, press the **Enter** key.

— To view the details of a highlighted call, press the **Right** navigation key. See “Viewing the details of a call in the Call Inbox” on page 181.

— To leave the detail view and return to the main inbox screen, press the **Left** navigation key.

— Press the **Missed** context-sensitive soft key to toggle the view filter from the **All** context-sensitive soft key to the **Missed** context-sensitive soft key. See “Managing missed calls” on page 181.

— The **All** context-sensitive soft key is displayed when the view mode is on **Missed**, and displays all the calls in the Call Inbox.

— Press the **Delete** context-sensitive soft key to delete the highlighted call or all calls in your Call Inbox. See “Deleting calls in your Call Inbox” on page 187.

— Press the **Exit** context-sensitive soft key to exit the Call Inbox.

Table 16 on page 180 provides a list of additional user interactions for the main inbox screen.

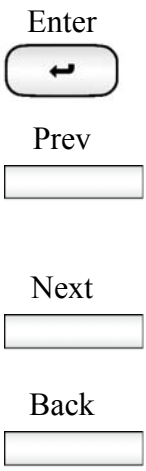
Table 16: Additional user interactions

Item	Function
	Use the **Enter** key to place a call to the selected address using the primary login of the IP Deskphone. The **Enter** key has the same behavior as the **Call** context-sensitive soft key.
	Use the **Dial pad** to select an item by index.
	To place a call to the address of the selected call log entry from the primary logged in user of the IP Deskphone, do one of the following: — Lift the handset. — Press the **Headset** fixed key. — Press the **Handsfree** fixed key.
	Press the **Line key** to place a call to the address of the selected call log entry from the user logged in on the selected line key.

Viewing the details of a call in the Call Inbox

You can view the details of a call in the Call Inbox.

To view details of a call in the Call Inbox:



1. When you view the details of a call in the Call Inbox, you can do the following:
   - Initiate a call to the caller displayed on the screen. For more information, see “Initiating a call from the Call Inbox” on page 185.
   - Press the **Enter** context-sensitive soft key to place a call to the selected address using the primary login of the IP Deskphone.
   - Press the **Prev** context-sensitive soft key to select and display he details of the previous entry in the call log.
   - Press the **Next** context-sensitive soft key to select and display the details of the next entry in the call log.
   - Press the **Back** context-sensitive soft key to leave the detail view and return to the main inbox screen.

Managing missed calls

When you do not answer incoming calls, the number of new calls appears on the IP Deskphone LCD screen. For example, if you miss three calls the following message appears: `3 new calls`.

Note: When you view a missed call in your Call Inbox, the new call message no longer appears on the LCD screen. The new calls are stored as missed calls.

To view missed calls:

1. Press the **Msg/Inbox** fixed key and then press the **Missed** context-sensitive soft key.

2. Press the **Up/Down** navigation key to highlight a call from the list of missed calls.

3. Press the **Right** context-sensitive soft key to view the details of the missed call.

   Note: You manage the missed call the same as any call that is in your Call Inbox. For more information, see "Viewing the details of a call in the Call Inbox" on page 181 and "Initiating a call from the Call Inbox" on page 185.

4. To view all the calls in the Call Inbox, press the **All** context-sensitive soft key.

5. To delete the highlighted missed call or all missed calls, press the **Delete** context-sensitive soft key. For more information, see "Deleting calls in your Call Inbox" on page 187.

   Note: The IP Deskphone deletes only the missed calls from the Call Inbox.

Exit

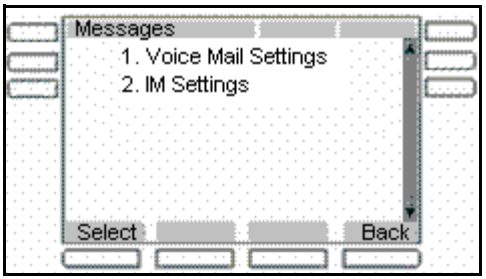
6. To exit the Inbox and return to the idle IP Deskphone screen, press the **Exit** context-sensitive soft key.

Missed Calls Notification

You can change the call log behavior so that the message `xx new calls` is cleared by entering the Inbox without having to select each missed call.

Figure 27 on page 183 displays the Message options screen.

Figure 27: Messages screen



Changing the Missed Calls Notification behavior:

Msgs

1. Press the **Msgs** context-sensitive soft key.

2. Press the **Up/Down** navigation key to highlight **Missed Calls Notification**.

Select

3. Choose one of the following:

   — Press the **Select** context-sensitive soft key.

   — Press the **Back** context-sensitive soft key to abort the changing of the configurations and return to the Message Options screen.

   If you press the **Select** context-sensitive soft key, one of the following messages appears (based on the current setting of the option):

   – `Press Manual to change Missed Call Notification Message clearing mode`

   – `Press Auto to change Missed Call Notification Message clearing mode`

Auto

4. Choose one of the following:

   — Press the **Auto** context-sensitive soft key to change the clearing mode for the `xx new calls` missed call message for the IP Deskphone.

   Note: **Auto** means that the message is cleared from the idle screen as soon as you enter the Inbox.

Manual

   — Press the **Manual** context-sensitive soft key to change the clearing mode for the `xx new calls` missed call message for the IP Deskphone.

   Note: **Manual** means that the message is cleared from the idle screen only after you look at the call detail for every newly missed call in the Inbox.

Initiating a call from the Call Inbox

When you receive a call that is missed or answered, the calling number is listed in the Inbox. You can select the number, and then dial from the Inbox, or you can edit the number in the Inbox.

To initiate a call from the Call Inbox, press the **Msg/Inbox** fixed key and select **Inbox** from the menu.

> ***Note 1:*** If your service provider requires that a Directory Number (DN) be used to initiate a call, the Call Inbox entry must have the DN to initiate a call.
>
> ***Note 2:*** While you are on a call, you can initiate a new call from the Call Inbox. For more information, see "Accessing the calls in your Call Inbox during a call" on page 188.

To initiate a call from the Call Inbox:

1. Press the **Msg/Inbox** fixed key.

2. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Inbox.

3. To view details of the call, press the **Right** navigation key.

4. To place a call to the selected address, do one of the following:

— Lift the handset.

— Press the **Headset** fixed key.

— Press the **Handsfree** fixed key.

or

Press the **Edit** context-sensitive soft key

Then press the **Send** context-sensitive soft key.

Deleting calls in your Call Inbox

When you delete calls from the Call Inbox, both missed calls and answered calls are deleted. When you view the missed calls and select delete, only the missed calls are deleted.

To delete calls from your Call Inbox:

1. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Inbox.

Delete

2. Press the **Delete** context-sensitive soft key.

3. Select one of the following context-sensitive soft keys:

Yes

— Press the **Yes** context-sensitive soft key to delete the highlighted call.

AllUsr

— Press the **AllUsr** context-sensitive soft key to delete all the calls from the selected caller.

All

— Press the **All** context-sensitive soft key to clear all calls from the Call Inbox.

No

— Press the **No** context-sensitive soft key to return to the Inbox.

Accessing the calls in your Call Inbox during a call

You can access the calls in your Call Inbox while you are in an active call.

To access the calls in your Call Inbox during a call:

1. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Inbox.

2. Choose one of the following:

   — Press the **Select** context-sensitive soft key to initiate a call to the highlighted caller.

   Note: This places the current call on hold, if it is not already on hold.

   — Press the **Back** context-sensitive soft key to return to the in-call screen.

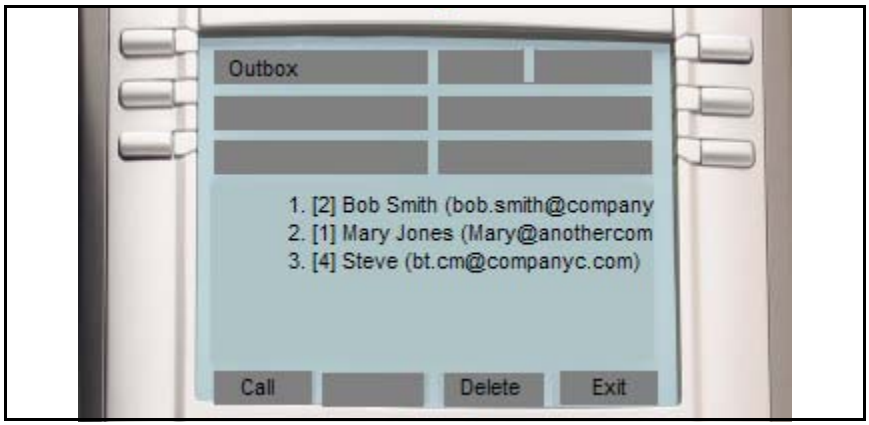
Call Outbox

The Call Outbox keeps a record of all outgoing calls made from your Avaya 1140E IP Deskphone. You can add the contact details of the calls in your outbox to your Address Book. You can access the following details about the outgoing calls:

- Name
- Address
- Time of the call
- Number of Calls
- Call Subject (when used for a call)

Figure 28 on page 189 shows details of the Call Outbox screen while the IP Deskphone is idle.

Figure 28: Call Outbox while IP Deskphone is idle



Accessing the Call Outbox

You can access the Call Outbox and initiate a call when the IP Deskphone is:

- Idle. For more information, see “Initiating a call from the Call Outbox” on page 191.
- Active. For more information, see “Accessing the calls in your Call Outbox during a call” on page 194.

Managing calls in the Call Outbox while not on a call

You can manage calls in the Call Outbox while you are not in an active call.

To manage calls in the Call Outbox while not on a call:

1. Press the **Outbox** fixed key.

2. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Outbox.

3. Choose one of the following:
   - To view details of the selected call, press the **Right** navigation key. See “Viewing the details of a call in the Call Inbox” on page 181.
   - To leave the detail view and return to the main inbox screen, press the **Left** navigation key.

4. Press the **Delete** context-sensitive soft key to delete the highlighted call. For more information, see "Deleting calls from your Call Outbox" on page 192.

5. Press the **Exit** context-sensitive soft key to return to the idle screen.

Initiating a call from the Call Outbox

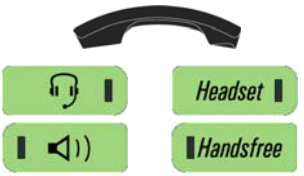
Note: If your service provider requires that a Directory Number (DN) be used to initiate a call, the Call Outbox entry must have a DN to initiate a call.

To initiate a call from the Call Outbox:

1. Press the **Outbox** fixed key.

2. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Outbox.

3. To view details of the selected call, press the **Right** navigation key. See "Viewing the details of a call in the Call Outbox" on page 193.



4. You can initiate a call from the highlighted call of the Call Outbox list or from the details of a caller screen, by doing one of the following:
   - — Lift the handset.
   - — Press the **Headset** fixed key.
   - — Press the **Handsfree** fixed key.

5. Press the **Call** context-sensitive soft key.

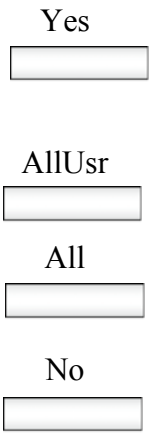
Deleting calls from your Call Outbox

You can delete calls from your Call Outbox.

To delete calls from your Call Outbox:

1. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Outbox.

2. Press the **Delete** context-sensitive soft key.



3. Select one of the following context-sensitive soft keys:
   - Press the **Yes** context-sensitive soft key to delete the highlighted call.
   - Press the **AllUsr** context-sensitive soft key to delete all the calls from the selected caller.
   - Press the **All** context-sensitive soft key to clear all calls from the Call Outbox.
   - Press the **No** context-sensitive soft key to return to the Outbox.

Viewing the details of a call in the Call Outbox

You can view details of a call in the Call Outbox.

To view details of a call in the Call Outbox:

Call

Prev

Next

Back

1. To view details of the selected call, press the **Right** navigation key
2. When you view the details of a call in the Call Outbox you can do one of the following:
   - Initiate a call to the caller displayed on the screen. See "To initiate a call from the Call Outbox:" on page 191.
   - View a previous caller in the Call Outbox list by pressing the **Prev** context-sensitive soft key and return to the **Outbox** screen.
   - View the next caller in the Call Outbox list by pressing the **Next** context-sensitive soft key and return to the **Outbox** screen.
   - Press the **Back** context-sensitive soft key to return to the Outbox.

Accessing the calls in your Call Outbox during a call

You can access the calls in your Call Outbox during an active call.

To access the calls in your Call Outbox during a call:

1. To access the calls in your Call Outbox during a call, press the **Call Outbox** key

2. Press the **Up/Down** navigation key to highlight a call from the list of calls in your Call Outbox.

Select

3. Choose one of the following:

   — Press the **Select** context-sensitive soft key to initiate a call to the highlighted caller.

   Note: This places the current call on hold, if it is not already on hold.

Back

   — Press the **Back** context-sensitive soft key to return to the **Incall** screen.

Instant Messaging

You can use your Avaya 1140E IP Deskphone to send and receive an Instant Message (IM). You can access and respond to an IM while on a call. The blue LED (Feature Status Indicator) at the top left of the IP Deskphone lights accompanied by a beep when a new IM arrives.

Configuring Instant Messaging

You can configure your IP Deskphone settings to manage an incoming IM.

- Enable or disable the automatic pop-up of a new IM.
- Enable or disable an audible alert on a new IM.

Configuring IM automatic pop-up

You can configure the IP Deskphone to automatically display an incoming new IM as a pop-up. The IM pops up when the IP Deskphone is idle or while on a call. You can disable the IM pop-up feature.

> ***Note:*** An IM pop-up does not occur if you are navigating the IM screens or navigating the menu structure in general. When this exception occurs, the IM goes directly to the IM Inbox, and the blue LED activates.

Figure 29 on page 197 shows the IM pop-screen on the IP Deskphone.

Figure 29: Instant Message pop-up

When an IM pop-up appears you can do the following:

- Press the **View** context-sensitive soft key to view the complete details of the IM.
- Press the **Prev** context-sensitive soft key to skip to a previous IM (if applicable).
- Press the **Next** context-sensitive soft key to skip to the next IM (if applicable).
- Press the **Exit** context-sensitive soft key, the **Goodbye** fixed key, or **Quit** fixed key to exit the IM pop-up screen and return to the idle screen when you are not on a call or to the In Call screen if the pop-up occurred during a call.

Configuring Instant Messaging pop-ups

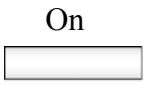
You can configure Instant Messaging pop-ups.

To enable or disable automatic pop-up of a new IM:

1. Press the **Prefs** context-sensitive soft key, select **User Settings**, **IM Settings**, **IM Display: On/Off** from the menu.

2. Press the **Up**/**Down** navigation key to select the user (if multiple users are logged into the same deskphone).

3. Press the **Select** context-sensitive soft key.



4. Choose one of the following:
   - Press the **On/Off** context-sensitive soft key to toggle between enabling IM pop-ups or disabling IM pop-ups.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

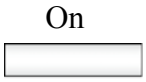
Configuring IM audible alert

You can configure the IP Deskphone to audibly alert you when a new IM arrives. The IP Deskphone audibly alerts you when the IP Deskphone is idle or while on a call. You can also choose to disable the audible alert of the IM feature.

To enable or disable the audible alerts of a new IM:

- Press the **Prefs** context-sensitive soft key, select **Message Options**, select **IM Settings**, and then select **IM Audible Alert: On/Off** from the menu.

5. Press the **Select** context-sensitive soft key.



6. Choose one of the following:
   - — Press the **On/Off** context-sensitive soft key to toggle between enabling IM audible alerts or disabling IM audible alerts.
   - — Press the **Back** context-sensitive soft key to return to the previous menu.

Composing an Instant Message

When you compose an IM, enter the address of the recipient and then enter the message. When you reply to an Instant Message, the IP Deskphone automatically enters the address. For more information, see “Replying to an Instant Message” on page 204. You can also send an IM directly from the Address Book. For more information, see “Viewing the Address Book” on page 159.

To compose and send an Instant Message:

Msgs

1. Do one of the following:
   - Press the **Msgs** context-sensitive soft key, select **Instant Messaging**, and press the **New IM** context-sensitive soft key
   - Access the list of IMs by pressing the **Expand** fixed key.
   - To compose an IM from the IP Deskphone Address Book, select an address and press the **Send IM** context-sensitive soft key.

Send IM

abc

2. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

3. Use the dialpad to enter the address of the contact.

Next

Back

4. Choose one of the following:
   - Press the **Next** context-sensitive soft key to continue.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

5. Use the dialpad to enter the content of the message.

6. Choose one of the following:
   - Press the **Send** context-sensitive soft key to send the IM to the contact.
   - Press the **Back** context-sensitive soft key to return to the previous menu without sending the new IM.

Instant Message Inbox/Outbox

The IM Inbox contains a list of all incoming and outgoing Instant Messages. You can filter the IM list to track a series of correspondence to a contact. The lit blue LED indicates the arrival of a new IM. An icon indicates the status of the IMs in your Instant Message Inbox/Outbox as follows:

Unread	
Read	
Replied to	
Sent	No icon

Accessing Instant Messages

You can access and view the contents of the Instant Message Inbox/ Outbox.

To access and view the contents of the Instant Message Inbox/ Outbox:

1. Choose one of the following:
   - Press the **Msgs** context-sensitive soft key, and then select **Instant Messaging** from the menu.
   - Press the **Expand** fixed key.

2. Press the **Up/Down** navigation key to highlight an IM from the list of Instant Messages in your IM Inbox/Outbox.

   Note: When you want to view only IMs from a specific contact, press the **User** context-sensitive soft key to filter all IMs based on the IM that you highlight. The LCD screen shows the list of all IMs from that contact.

View

New IM

Back

3. Choose one of the following:

   — Press the **View** context-sensitive soft key to view the details of the sender, followed by the message content. For more information, see “Viewing the content of an Instant Message” on page 204.

   — Press the **New IM** context-sensitive soft key to compose a new IM. For more information, see “Composing an Instant Message” on page 199.

   — Press the **Back** context-sensitive soft key to return to the idle screen.

Viewing the content of an Instant Message

When you view the content of an Instant Message, you can do the following:

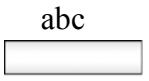
- Reply to the Instant Message. See “Replying to an Instant Message” on page 204.
- Initiate a Call to the contact. See “Initiating a call from an Instant Message” on page 205.
- Delete the Instant Message. See “Deleting an Instant Message” on page 206.

Replying to an Instant Message

You can reply to an Instant Message.

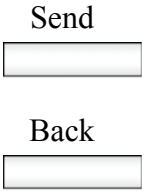
To reply to an Instant Message:

1. Press the **Reply** context-sensitive soft key to send an IM in response to the IM you are viewing.



2. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

3. Enter the message you want to send as a reply.



4. Choose one of the following:
   - Press the **Send** context-sensitive soft key to send the IM when it is complete.
   - Press the **Back** context-sensitive soft key to return to the previous menu and not send the IM.

Initiating a call from an Instant Message

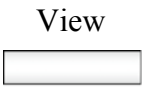
To initiate a call from the IM Inbox, press the **Expand** fixed key or press the **Msgs** context-sensitive soft key, and then select **Instant Messaging** from the menu.

Note: If your service provider requires that a Directory Number (DN) be used to initiate a call, you cannot initiate a call from an Instant Message.

To initiate a call from an Instant Message:

1. Choose one of the following:
   - Press the **Msgs** context-sensitive soft key, and then select **Instant Messaging** from the menu.
   - Press the **Expand** fixed key.

2. Press the **Up/Down** navigation key to highlight an IM from the list of Instant Messages.



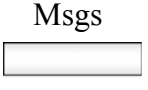
3. Press the **View** context-sensitive soft key to access the IM.

4. To initiate a call to the contact who sent you an IM, press the **Call** context-sensitive soft key.

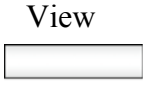
   The IP Deskphone goes off-hook and initiates the call.

Deleting an Instant Message

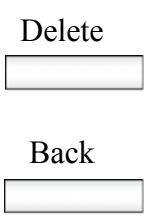
To delete a single IM, all the IMs from one contact, or all the IMs in your IM Inbox complete the necessary steps in the following procedure.



1. Choose one of the following:
   - Press the **Msgs** context-sensitive soft key, and then select **Instant Messaging** from the menu.
   - Press the **Expand** fixed key.



2. Press the **View** context-sensitive soft key.



3. Select one of the following context-sensitive soft keys:
   - Press the **Delete** context-sensitive soft key to clear all IMs from the IM Inbox/Outbox.
   - Press the **Back** context-sensitive soft key to return to the previous screen.

While on an active call

You can use the following features during an active call:

- “Making a new call” on page 208
- “Placing a call On Hold” on page 210
- “Using 3-way calling” on page 219
- “Transferring a call” on page 226

You can use the **Action** context-sensitive soft key to perform the following actions with an active call:

1. New Call—to begin a new call while other calls are on hold.
2. Release Call—to release (hang-up) the selected call.
3. Transfer Call—to transfer the call to another phone number or SIP address.

Making a new call

You can initiate a new call during a current call. If you do not place the current call on hold first, the IP Deskphone automatically places the current call on hold when you initiate a new call. You can initiate a new call by using any of the following methods:

- “Initiating a call using the active call context-sensitive soft key menu” on page 209
- “Initiating a call from the Address Book” on page 160
- “Initiating a call from the Call Inbox” on page 185
- “Initiating a call from the Call Outbox” on page 191

Initiating a call using the active call context-sensitive soft key menu

You can initiate a call using the active call context-sensitive soft key menu.

To initiate a call using the active call context-sensitive soft key menu:

1. Choose one of the following:
   - — Press the **Conf** context-sensitive soft key while on a call.
   - — While on a call, press the **More…** context-sensitive soft key, and then the **NewCall** context-sensitive soft key.

   The IP Deskphone produces a dial tone.

2. Choose one of the following:
   - — Use the dial pad to dial the number or SIP address.

     Note: This places the current call on hold, if it is not already on hold, and you can continue to initiate the call as normally.

   - — Press the **Back** context-sensitive soft key to return to the in-call screen.

Call Waiting

While you are on an active call and you receive an incoming call. You are notified of an incoming call by a message on the LCD screen and a notifying beep. Answering the new call places the active call on hold you can also redirect the new call, decline the new call, transfer the new call, or ignore the new call. For more information, see “Receiving a call” on page 147.

Placing a call On Hold

Use the Hold feature when you are talking to one contact and want to perform another action, such as answer a new incoming call, transfer a call, or initiate a new call. You can have a number of calls on hold at the same time.

To place a call on hold:

1. Press the **Hold** fixed key.

   The LCD on hold icon flashes beside the line on hold.

Figure 30 on page 211 shows the IP Deskphone display area when a call is placed on hold.

Figure 30: Call On Hold

To retrieve a call on hold:

1. To retrieve a call on hold do one of the following:
   - Press the **Line** feature key beside the flashing LCD indicator.
   - Press the **Hold** fixed key.

Multiple calls On Hold

When you have more than one call on hold, use the navigation key to highlight a call on the LCD screen. You can perform an action with that call by using the context-sensitive soft keys on the In-call menu list. The context-sensitive soft keys displayed vary depending on the type of call that is currently selected. For example, a held call has the **Activate** context-sensitive soft key instead of the **Audio** context-sensitive soft key.

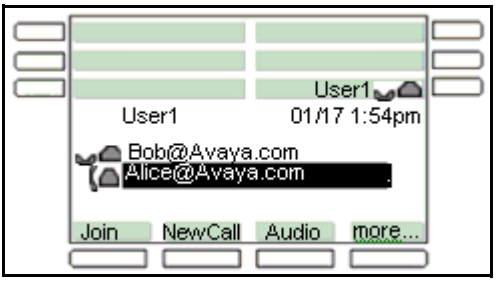
When you highlight a call that is not active, you can retrieve the call from on hold and make it active by pressing the **Activate** context-sensitive soft

key. You can also join the call with the active call to create a 3-way calling session. See “Using 3-way calling” on page 219.

Multiple calls In-call mode

When the IP Deskphone has multiple calls connected at the same time, you can access the menu items shown in Figure 31 on page 212.

Figure 31: Multiple calls In-call display screen with context-sensitive soft key menu list



The **Join** context-sensitive soft key appears when there are multiple calls on the IP Deskphone that can be joined for a conference call or 3-way calling.

Context-sensitive soft keys for the multiple calls In-call display screen

Join	Press the **Join** context-sensitive soft key to join the eligible calls.
NewCall	Press **NewCall** context-sensitive soft key to obtain a dial tone to place another call. The **NewCall** context-sensitive soft key is used to make a conference call. This key behaves like the **Conf** context-sensitive soft key.

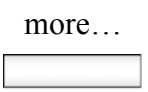
Audio/Actvate

Press the **Audio** context-sensitive soft key to change the audio settings or the current active call.

The **Actvate** context-sensitive soft key appears when the highlighted call is not the selected call.

Press the **Actvate** context-sensitive soft key to place the current call on hold and activate the call you want to connect to.

Note: The **Actvate** context-sensitive soft key never appears at the same time as the **Audio** context-sensitive soft key



Press the **more…** context-sensitive soft key to select a new menu list of context-sensitive soft keys.

When you press the **more…** context-sensitive soft key, a different selection of context-sensitive soft keys appears.

- If you press the **more…** context-sensitive soft key once from the first menu list, you access the following context-sensitive soft keys:

  [Trnsfer] [RlsCall] [Join] [more...]

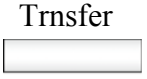
- If you press the **more…** context-sensitive soft key from the first menu list twice, you access the following context-sensitive soft keys:

  [Conf] [Audio] [NewCall] [more…]

- If you press the **more…** context-sensitive soft key from the first menu list three times, you return to the first menu list with the following context-sensitive soft keys.

  [Prefs] [ ] [ ] [more…]

When you press the **more….** context-sensitive soft key for the first time, the following context-sensitive soft keys appear on the menu list.



Press the **Trnsfer** context-sensitive soft key to transfer the current call.

Press the **RlsCall** context-sensitive soft key to release or hang up the highlighted call.

Join

Press the **Join** context-sensitive soft key to join the eligible calls.

more…

Press the **more…** context-sensitive soft key to select a new menu list of context-sensitive soft keys.

The next available menu list contains the following context-sensitive soft keys:

[Conf] [Audio] [NewCall] [more…]

When you press the **more…** context-sensitive soft key for the second time, the following context-sensitive soft keys appear on the menu list.

Prefs

Press the **Prefs** context-sensitive soft key to display Preferences manu.

Press the **Prefs** context-sensitive soft key to display the Preferences menu.

The menu items include the following:

1. Display—use to adjust the display settings of the LCD screen.
2. Audio—use to adjust tones and volume settings, to configure a USB headset, and to access the Bluetooth wireless technology setup.
3. Feature Options—use to configure the following:
   - Feature keys
   - Call Ignore Action
   - Call Subjects
   - Call Fwd Notification
   - Missed Call Notification
4. Language—use to change the interface language.
5. Misc Options—use to access the following options:
   - Alpha Dialing
   - Search Method
   - # Ends Dialing
   - Hold Mode: Private
   - Time

Prefs

6. Network—use to access the following:
   - Server Settings
   - Device Settings
   - Diagnostics
   - Licensing
   - Lock

<Unlocked by Administrator>

7. USB Locks—use to lock or unlock the following USB devices:
   - USB Mouse
   - USB Keyboard
   - USB Headset
   - USB flash drive
8. User Settings—use to modify the following:
   - Call Settings
   - IM Settings
   - Voice Mail Settings
   - Change Location

more…

Press the **more…** context-sensitive soft key to return to the first menu list of context-sensitive soft keys.

The next available menu list contains the following context-sensitive soft keys:

[Join] [NewCall] [Audio] [more…]

To access a call on hold when multiple calls are on hold:

1. Press the **Up/Down** navigation key to highlight a call on hold.

Chad

2. To retrieve the highlighted call on hold do one of the following:
   - Press the **Line** feature key beside the flashing LCD indicator.
   - Press the **Hold** fixed key to retrieve a call on hold.

To make a call on hold the active call:

1. Press the **Up/Down** navigation key to highlight a call on hold.

Actvate

2. Press the **Activate** context-sensitive soft key to make the highlighted call on hold the active call.

   This removes the call from on hold and automatically places the previous call on hold.

Using 3-way calling

When you have more than one call and you want to join the incoming calls into one call, you can use 3-way calling or create a conference call.

> ***Note:*** Your system administrator or service provider must enable 3-way calling and conference calls for your Avaya 1140E IP Deskphone. Contact your service provider or system administrator to determine if this feature is available.

The 3-way Call feature joins two calls on your IP Deskphone into one 3-way call. You and the other two callers can speak together. When you join more than two calls into one call, you must use the conference call feature. Your IP Deskphone manages the 3-way call, and the server manages a conference call. For more information, see “Configuring a conference call” on page 221.

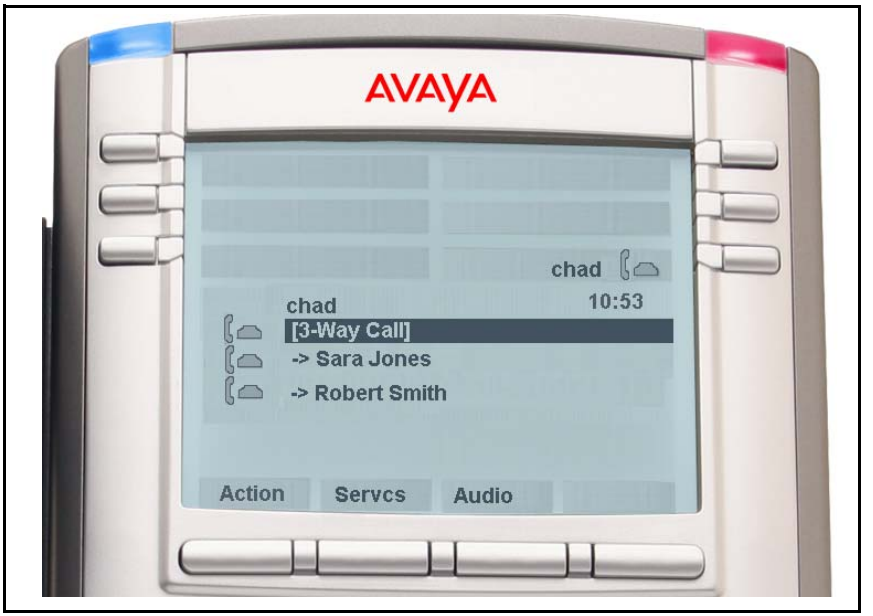
To activate the 3-way Call feature:

1. Press the **Join** context-sensitive soft key with either call, and then select **3-way Call** from the menu.

   The IP Deskphone joins the two calls and creates a new call that appears on the LCD screen as `[3-way Call]`. For more information, see Figure 32: “3-way Call” on page 220.

Figure 33 on page 223 shows the IP Deskphone display screen when a 3-way call is in progress.

Figure 32: 3-way Call



Note 1: If you receive a new call during a 3-way call, you can answer the new call as usual. The IP Deskphone automatically puts the 3-way call on hold. If you want to join the new caller to a 3-way call, you must initiate a conference call with the server and join all callers to the conference call.

Note 2: If the host of a 3-way call presses the hold button, all callers in the 3-way call are put on hold.

Note 3: If the host of a 3-way call presses the Goodbye fixed key or selects Release Call from the Action menu, all calls in the 3-way call are terminated.

Configuring a conference call

When you want to invite three or more callers to a call, you can configure a conference call using the IP Deskphone. The call server handles conference calls. You can join incoming calls to the conference call, or you can join calls that you initiate.

Note: Your system administrator or service provider must enable 3-way calling and conference calls for your IP Deskphone. Contact your service provider or system administrator to determine if this feature is available.

To configure a conference call while on an active call with more than one other caller:

1. Press the **Up/Down** navigation key to highlight one of the calls,

2. Press the **Join** context-sensitive soft key and select **Conference** from the menu.

   The calls are joined together as a conference call on the call server.

When you receive a new call while on a conference call, you can answer, ignore, decline, or forward the call as you would any call. You can also initiate a new call while on a conference call in the normal way and return to the conference call after you complete the call. The conference call continues while you are on the other call.

Note: If you press the **Goodbye** key or select **Release** from the Action menu while on the conference call you leave the conference call. The conference call continues with the other callers.

To join a call to an existing conference call:

1. Press the **Up/Down** navigation key to highlight the call you want to join to the conference.

2. Press the **Join** context-sensitive soft key to join the highlighted call to the conference.

Ad hoc conferencing when connecting to the Call Server

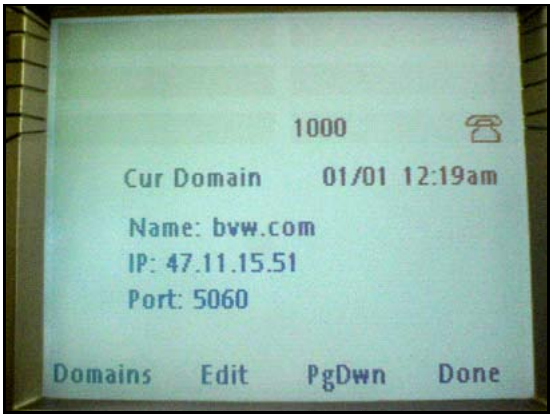
This feature allows you to make ad hoc conference calls when you connect to the Call Server.

> ***Note:*** Your system administrator must enable ad hoc conferencing before you connect to the Call Server.

Press **Server settings**, and then **Domain settings** to open the **Domain** screen. Figure 33 on page 223 shows the view details of the current domain.

<Pre-configured by administrator. Not User accessible.>

Figure 33: Current Domain page

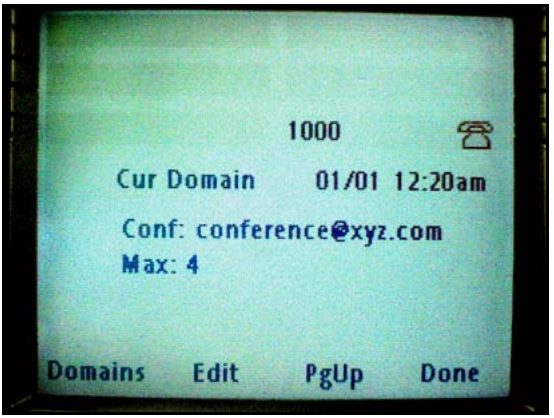


The context-sensitive soft keys available for viewing the conference details of the current domain are as follows:

- **Domains**: Allows you to select the domain.
- **Edit**: Allows you to edit the conference details.
- **PgDwn**: Allows you to move to the next screen containing conference parameters.
- **Done**: Allows you to confirm the details.

Figure 34 on page 224 shows the Domain page with conference parameters, including the conference URI and the maximum number of ports available for ad hoc conferencing.

Figure 34: Domain page with conference parameters



The context-sensitive soft keys available on the conference parameters page are as follows:

- **Domains**: Allows you to select the domain.
- **Edit**: Opens the Edit Domain page that allows you to edit the conference details.
- **Pgup**: Allows you to return to the previous page.
- **Done**: Allows you to confirm the details.

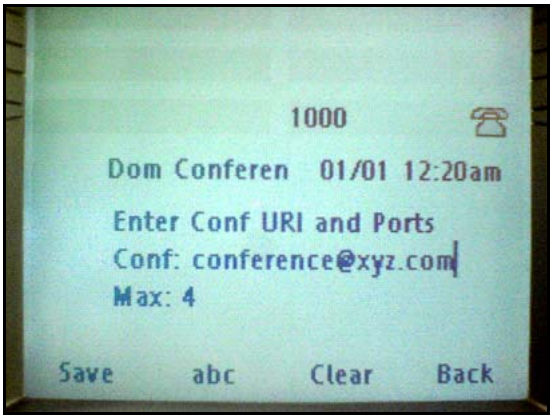
Edit Domain page

The Edit Domain page displays the domain properties. It appears in the format <conferenceURI> : <Max Ad hoc Ports>.

> ***Note:*** An admin password is required to access the Edit Domain page.

Figure 35 on page 225 displays the Edit Domain screen with the conference details.

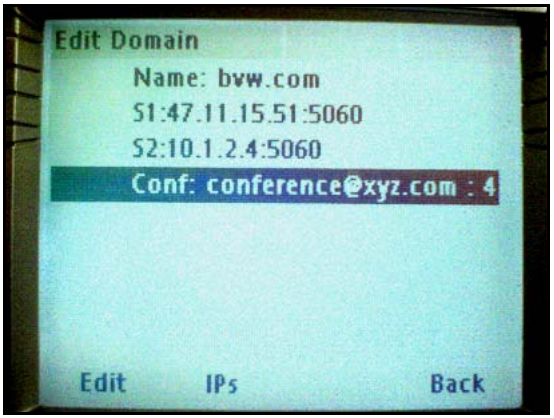
Figure 35: Edit Domain screen



To edit the conference properties and maximum number of ports, press the **Edit** context-sensitive soft key to display the Domain Conference Edit screen.

Figure 36 on page 225 provides an example of the Domain Conference Edit screen.

Figure 36: Domain Conference Edit screen



The context-sensitive soft keys available for the Domain Conference Edit screen are as follows:

- **Save**—to save the updated value to the system configuration file.
- **Abc (/123)**—to toggle the input mode to digits (or alphabets).
- **Clear**—to clear the character behind the cursor.
- **Back**—to return to the previous screen.

Note: For these configuration changes to take effect, you must manually log off and log on.

Transferring a call

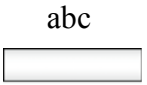
Note 1: When more than one call is on hold, the call you want to transfer must be the active call. For more information, see "To make a call on hold the active call:" on page 218.

Note 2: The IP Deskphone does not automatically place the call you want to transfer on hold. To prevent the caller from hearing the transfer process, place the caller on hold and then complete the transfer process.

To transfer a call to another IP Deskphone:

1. Press the **Up/Down** navigation key to highlight Transfer Call from the menu.

2. Press the **Trnsfer** context-sensitive soft key while on a call to access the **Trnsfer** menu.



3. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

Select

4. Choose one of the following:
   - Enter the phone number or SIP address to which you are transferring the call.
   - Select a contact from the Address Book, Call Inbox, or Call Outbox by pressing the corresponding fixed key.
     Highlight a contact from the list and then press the **Select** context-sensitive soft key.

Transfr

Clear

Back

5. Choose one of the following:
   - Press the **Transfr** context-sensitive soft key to connect the calling party.
   - To erase the address you enter, press the **Clear** context-sensitive soft key.
   - To return to the previous screen, press the **Back** context-sensitive soft key.

The IP Deskphone prompts you with the following question, `Consult with party?`

6. Select one of the following context-sensitive soft keys:

Yes

— Press the **Yes** context-sensitive soft key to consult with the contact to which you are transferring the call before completing the transfer.

No

— Press the **No** context-sensitive soft key to transfer the call without consulting the contact to whom you want to transfer the call.

Back

— Press the **Back** context-sensitive soft key to return to the previous screen.

To transfer a call to Voice Mail:

Transfer

1. Press the **Trnsfer** context-sensitive soft key while on a call to access the Transfer menu.

abc

2. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

3. Enter the Voice Mail ID, extension, or external number by using the dialpad.

4. Choose one of the following:

— To return to the previous screen, press the **Back** context-sensitive soft key.

Note 1: The Transfer to Voice Mail feature is not available for all call servers. Contact your system administrator or service provider to determine if this feature is available to you.

Note 2: The Transfer to Voice Mail feature during a conference call is dependent on the call server and cannot be allowed. If the secure digits feature is enabled, and you connect to Voice Mail during an active call, the screen displays the last pressed key only, and the remaining digits appear as '*'.

You can press **Hide** or **Unhide** to hide or display the pressed keys.

Note: The Transfer to Voice Mail feature is available only when configured by your system administrator.

Additional features

You can use the following additional features:

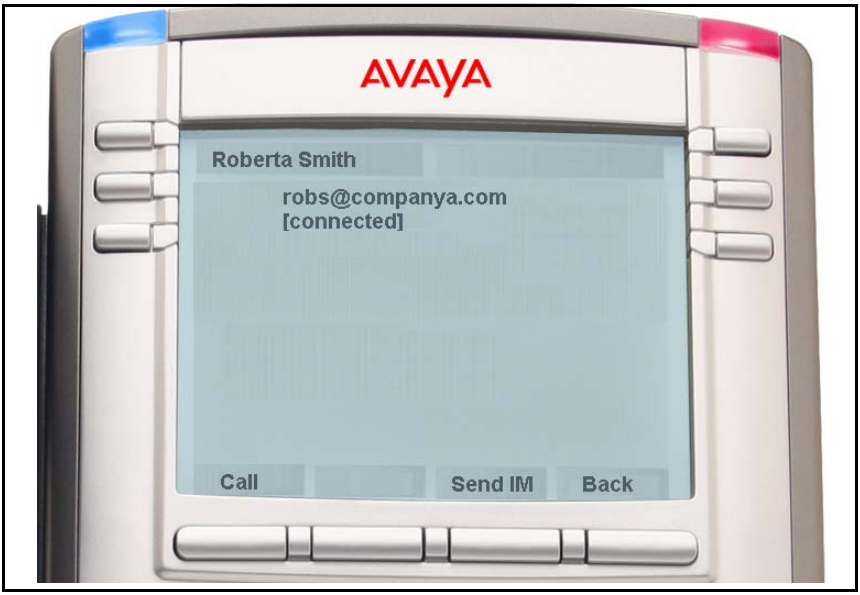
- “Using the Friends feature” on page 233
- “Feature keys” on page 241
- “Using Call Forward” on page 264
- “Configuring Do Not Disturb” on page 268
- “Configuring a Presence state” on page 269
- “Configuring Privacy settings” on page 273

Using the Friends feature

You can designate a contact you have frequent interaction with as a *friend.* Access your friends list in the Address Book to:

- Check the presence status of a friend. See “To check the online status of a friend on your list:” on page 234.
- Initiate a call to a friend. See “To initiate a call to a friend on the Friends list:” on page 235.
- Send an IM to a friend. See “To send an IM to a friend on the Friends list:” on page 236.
- Edit the information about a friend. See “To edit your Friends list:” on page 237.

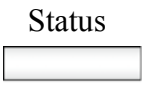
Figure 37: Presence status of a friend

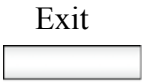


Accessing your Friends list

To check the online status of a friend on your list:

1. Choose one of the following:
   - Press the **Directory** fixed key.
   - Press the **Filter** context-sensitive soft key, and select **Friends** from the menu.
   - Press the **Select** context-sensitive key.





2. Do one of the following:
   - Press the **Status** context-sensitive soft key to view the current presence status of the friend.
   - Press the **All** context-sensitive soft key to view the contents of the Address book, including contacts designated as friends and regular contacts.
   - Press the **Edit** context-sensitive soft key to make changes to the information entered for a friend or to delete the contact from the friends list.
3. Press the **Exit** context-sensitive soft key to return to the idle screen.

To initiate a call to a friend on the Friends list:

1. Choose one of the following:
   - Press the **Directory** fixed key.
   - Press the **Filter** context-sensitive soft key, and select **Friends** from the menu.
   - Press the **Select** context-sensitive key.

2. Press the **Status** context-sensitive soft key to view the information about the friend.

3. Press the **Call** context-sensitive soft key to initiate a call to the friend.

   The IP Deskphone uses the SIP address or phone number from your personal Address Book to make the call.

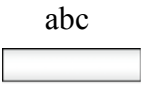
To send an IM to a friend on the Friends list:

1. Choose one of the following:
   - Press the **Directory** fixed key.
   - Press the **Filter** context-sensitive soft key, and select **Friends** from the menu.
   - Press the **Select** context-sensitive key.

2. Press the **Status** context-sensitive soft key to view the information about the friend.

3. Press the **SendIM** context-sensitive soft key to send an IM to the friend.

   The IP Deskphone uses the SIP address for the contact from your personal Address Book.



4. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

5. Use the dialpad to enter the text of the message.

Send

6. Choose one of the following:
   - Press the **Send** context-sensitive soft key to send the IM.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

Back

Editing information of a friend

You can edit information of a friend on the Friends list.

To edit your Friends list:

Directory

1. Choose one of the following:
   - Press the **Directory** fixed key.
   - Press the **Filter** context-sensitive soft key, and select **Friends** from the menu.
   - Press the **Select** context-sensitive key.

Filter

Select

Feature keys

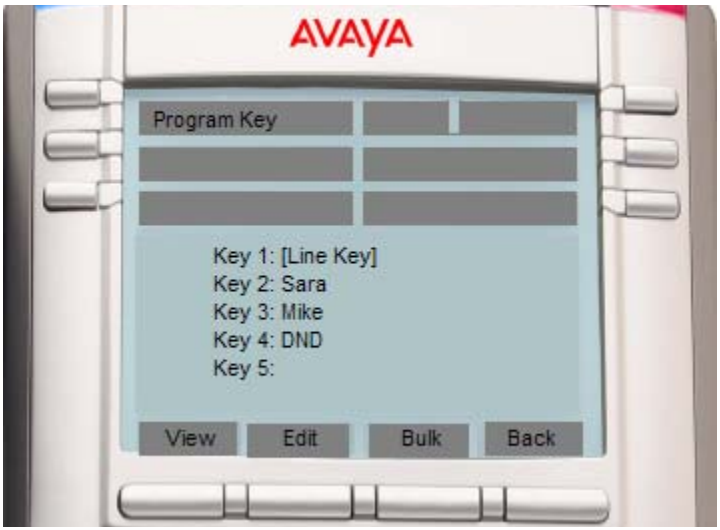
Use the Feature key option to configure the feature keys on IP Deskphone and the Expansion Module for Avaya 1100 Series IP Deskphones.

Programmed keys are stored in the user profile. Each user can maintain a list of programmed feature keys. You can designate a feature key to act as a short cut for any of the following features:

- Speed Dial
- Call Forward
- Do Not Disturb
- Send IM
- Presence

The IP Deskphone designates the feature key on the bottom right of the four feature keys as Feature Key 1 and reserves it as the line key for the IP Deskphone. Figure 38 on page 241 shows the Feature keys.

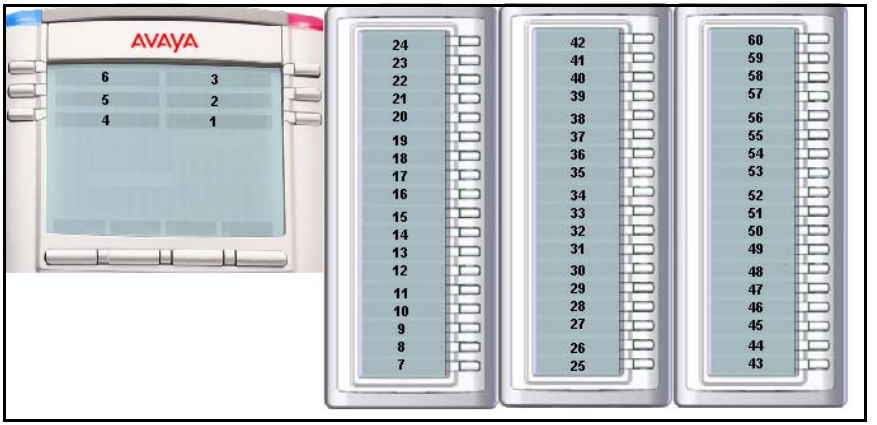
Figure 38: Feature keys



You can program the feature keys one at a time, or you can automatically program empty feature keys from your Friends list or Address Book. For information about how to autoprogram feature keys see, “Feature key autoprogramming” on page 257.

Figure 39 on page 242 shows the feature key numbering for 3 Expansion Modules for Avaya 1100 Series IP Deskphones.

Figure 39: Feature key numbering



Feature key programming

You can program feature keys.

To access the Program Key screen:

1. Press the **Prefs** context-sensitive soft key, select **Feature Options**, and select **Feature Keys** from the menu.

   The **Program Key** screen opens as shown in “Feature keys” on page 241.

The Program Key screen provides the following context-sensitive soft keys:

- **View**— to access the feature key detail screen.
- **Edit** —to edit the setting or modification of the selected programmable key.
- **Bulk**—to access the autoprogramming and auto removal feature.
- **Back**—to return to the previous screen.

To view feature key details

1. To select a feature key to view, do one of the following:

   — Press the **Up/Down** navigation key to highlight the feature key to view and press the **View** context-sensitive soft key.

   — Press the **Feature** key that you want to view and press the **View** context-sensitive soft key.

   — Use the dialpad to select the **Feature** key that you want to view and press the **View** context-sensitive soft key.

   The **Program Key** screen opens as shown in Figure 40 on page 244.

2. Press the **Back** context-sensitive soft key to return to the previous screen.

Figure 40 on page 244 shows the feature key details.

Figure 40: Feature key details

The **Program Key** screen displays the following:

- Key—programmed feature key number
- Label—label used for the feature key
- Service—services programmed to the feature key, such as:
  - Speed Dial
  - Call Forward
  - Do Not Disturb
  - Send IM
  - Presence
- User—current user to whom the programmed feature key is associated
- Address—SIP address for the feature key when programmed for Speed Dial, Call Forward, and Send IM.

Note: If you to try to view a feature key that is not programmed the IP Deskphone displays the message: `Program Key Not Available (Key is empty).`

To edit a feature key

1. To select a feature key to edit, do one of the following:

   — Press the **Up/Down** navigation key to scroll through the feature keys to highlight the one you want to edit and then press the **Edit** context-sensitive soft key.

   — Press the **Feature** key that you want to edit and then press the **Edit** context-sensitive soft key.

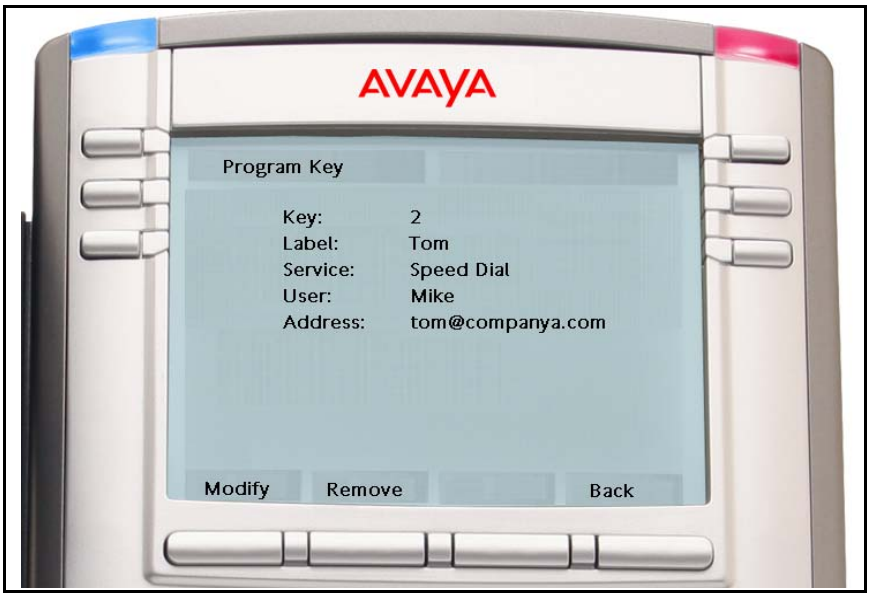
   — Use the dialpad to select the **Feature** key that you want to view and then press the **Edit** context-sensitive soft key.

   The **Program Key** screen opens as shown in Figure 41 on page 246.

2. Press the **Back** context-sensitive soft key to return to the previous screen.

Figure 41 on page 246 shows the edit feature key screen.

Figure 41: Edit feature key screen



To modify a feature key:

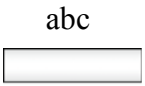
1. Press the **Modify** context-sensitive soft.

   The Select Service screen opens.

2. Press the **Up/Down** navigation key to highlight one of the following feature key services:
   - Speed Dial
   - Call Forward
   - Do Not Disturb
   - Send IM
   - Presence

3. Choose one of the following:
   - Press the **Select** context-sensitive soft key to choose a service.

     The next screen in the process opens.
   - Press the **Back** context-sensitive soft key to return to the previous menu.



4. Press the **abc/123** context-sensitive soft key to toggle between numeric and alphabetic input.

5. Use the dialpad to enter the label for the feature key.

Next

6. Choose one of the following:

   — Press the **Next** context-sensitive soft key to continue. Continue to input information based on the following services:

   Speed dial. See “To program a Speed Dial feature key:” on page 248.

   Call Forward. See “The following procedure continues from Step 6 on page 248.” on page 250.

   Do not Disturb. See “To program a Call Forward feature key:” on page 250.

   Send IM. See “To program a Send IM feature key:” on page 252.

   Presence. See “To program a Presence feature key:” on page 253.

Back

   — Press the **Back** context-sensitive soft key to return to the previous menu.

The following procedure continues from Step 6 on page 248.

To program a Speed Dial feature key:

Select

1. Press the **Select** context-sensitive soft key.

2. Select **Speed Dial**.

Select

3. Press the **Select** context-sensitive soft key.

4. Use the dial pad to enter a key label.

Next

5. Press the **Next** context-sensitive soft key to continue.

6. Use the dial pad to enter an address.

Next

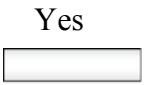
7. Press the **Next** context-sensitive soft key to continue.

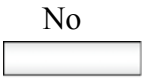
8. Use the dial pad to enter a Call Subject associated with the Speed Dial contact. You can leave this blank if you do not want to include a Call Subject.

Ok

Cancel

9. Choose one of the following:
   - Press the **Ok** context-sensitive soft key to confirm the entry and move to the next step.
   - Press the **Cancel** context-sensitive soft key to return to the previous step.





10. Choose one of the following:
    - Press the **Yes** context-sensitive soft key to activate auto-retrieve of held call on hang up of speed dial.
    - Press the **No** context-sensitive soft key to return to the previous step.

The following procedure continues from Step 6 on page 248.

To program a Call Forward feature key:

1. Select **Call Forward**.

2. Use the dial pad to enter a key label.

3. Press the **Next** context-sensitive soft key to continue.

4. Select a User.

1. Press the **Select** context-sensitive soft key.

2. Use the dial pad to enter the address.

Finish

Clear

Back

3. Choose one of the following:
   - Press the **Finish** context-sensitive soft key to confirm the entry and complete the procedure.
   - Press the **Clear** context-sensitive soft key to erase the entry.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

The following procedure continues from Step 6 on page 248.

To program a Do Not Disturb feature key:

1. Select **Do not disturb**.

Select

2. Press the **Select** context-sensitive soft key.

3. Use the dial pad to enter a key label.

4. Select a User.

Select

1. Press the **Select** context-sensitive soft key.

2. Choose one of the following:
   - Press the **Finish** context-sensitive soft key to confirm the entry and complete the procedure.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

The following procedure continues from Step 6 on page 248.

To program a Send IM feature key:

1. Select **Send IM**.

2. Press the **Select** context-sensitive soft key.

3. Use the dial pad to enter a key label.

4. Press the **Next** context-sensitive soft key.

5. Use the dial pad to enter an address.

6. Press the **Finish** context-sensitive soft key to continue.

The following procedure continues from Step 6 on page 248.

To program a Presence feature key:

1. Press the **Up/Down** navigation key to highlight one of the following:
   - — Connected
   - — Unavailable

2. Choose one of the following:
   - — Press the **Select** context-sensitive soft key to select Presence.
   - — Press the **Back** context-sensitive soft key to return to the previous step.

3. You can choose a more detailed message for other users to see or you can select **None** if you do not want to give additional information.
4. If you chose **Connected** in step 1, press the **Up/Down** navigation key to highlight one of the following details:

   — None

   — Away

   — Out to Lunch

   — Be Right Back

   If you chose **Unavailable** in step 1, press the **Up/Down** navigation key to highlight one of the following details:

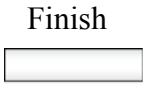
   — None

   — Busy

   — On vacation

   — Offline

   Note: You can create your own Presence message to appear on screen, which become available when you program a feature key as a shortcut. For more information, see “Adding a new Presence state message” on page 272.



5. Choose one of the following:
   - — Press the **Finish** context-sensitive soft key to select the Presence detail and finish the procedure.
   - — Press the **Back** context-sensitive soft key to return to the previous step.

Remove a programmed feature key

You can remove a feature key by using one of the following methods:

1. Edit context-sensitive soft keys. See “To remove a feature key using the Edit context-sensitive soft key:” on page 256.

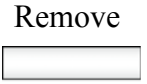
- Bulk context-sensitive soft keys. See “To remove all programmed feature keys by using the Bulk context-sensitive soft key:” on page 259.

To remove a feature key using the Edit context-sensitive soft key:

1. To select a feature key to remove, do one of the following:
   - Press the **Up/Down** navigation key to scroll through the feature keys to highlight one to remove and press the **Edit** context-sensitive soft key.
   - Press the **feature key** that you want to remove and then press the **Edit** context-sensitive soft key.

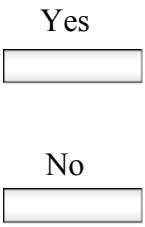
   The **Program Key** screen opens as shown in Figure 41 on page 246.

2. Press the **Back** context-sensitive soft key to return to the previous screen.



3. Press the **Remove** context-sensitive soft.

   The IP Deskphone displays `Confirm Remove key?`



4. Choose one of the following:
   - Press the **Yes** context-sensitive soft key to confirm the removal of the feature key.
   - Press the **No** context-sensitive soft key to return to the previous screen without removing the feature key.

Feature key autoprogramming

The feature key autoprogramming provides the user with the ability to cause the IP Deskphone to detect all unused programmable keys, and to automatically fill them as Speed Dial keys, Send IM keys, or Call Forwarding keys using the user Friends list or the user Address Book. The feature key autoprogramming also provides the user with the ability to remove all programmed feature keys from the IP Deskphone.

Autoprogramming does not overwrite feature keys already programmed and when the IP Deskphone detects if a feature key is already configured with Speed Dial, Send IM, or Call Forward for contact, it does not create a new instance.

Note: The autoprogramming feature options are dependent on your service provider and IP Deskphone configuration. If you attempt to use the autoprogram feature (**Bulk** context-sensitive soft key) for a feature that is not available to you, the IP Deskphone displays the message:
`This feature is disabled. Contact your provider.`

To autoprogram feature keys:

1. Press the **Prefs** context-sensitive soft key, select **Feature Options**, and select **Feature Keys** from the menu.

   The **Program Key** screen opens as shown in, Figure 38 on page 241.

2. Choose one of the following:

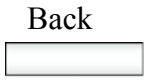
   — Press the **Bulk** context-sensitive soft key.

   — Press the **Back** context-sensitive soft key to return to the previous step.

3. Select Feature key creation.

4. Press the **Up/Down** navigation key to highlight one of the following services that you want to autoprogram:

   1. Speed Dial
   2. Send IM
   3. Call Forward



5. Choose one of the following:

   — Press the **Select** context-sensitive soft key to autoprogram the feature keys with the selected service.

   — Press the **Back** context-sensitive soft key to return to the previous step.

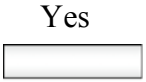
To remove all programmed feature keys by using the Bulk context-sensitive soft key:

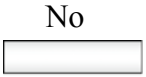
6. Choose one of the following:
   - Press the **Bulk** context-sensitive soft key.
   - Press the **Back** context-sensitive soft key to return to the previous step.

7. Press the **Up/Down** navigation key to highlight **2. Feature key removal** and press the **Select** context-sensitive soft.

   The **Program Key** screen opens listing all the feature keys.

8. Press the **All** context-sensitive soft key to remove all the programmed feature keys.





9. Choose one of the following:
   - Press the **Yes** context-sensitive soft key to confirm the removal of all the feature keys.
   - Press the **No** context-sensitive soft key to return to the previous screen without removing the feature keys.

10. To select a single feature key to remove, do one of the following:

    — Press the **Up/Down** navigation key to scroll through the feature keys and highlight the feature key to remove and press the **Remove** context-sensitive soft key.

    — Press the **Feature** key that you want to remove and press the **Remove** context-sensitive soft key.

    — Use the dialpad to select the **Feature** key that you want to view and press the **Remove** context-sensitive soft key.

or

Back

Press the **Back** context-sensitive soft key to return to the previous menu.

To remove individual programmed feature keys using the Bulk context-sensitive soft key:

Bulk

11. Choose one of the following:

    — Press the **Bulk** context-sensitive soft key.

Back

    — Press the **Back** context-sensitive soft key to return to the previous step.

12. Press the **Up/Down** navigation key to highlight **2. Feature key removal** and press the **Select** context-sensitive soft.

    The **Program Key** screen opens listing all the feature keys.

Select

13. Press the **All** context-sensitive soft key to remove all the programmed feature keys.

All

14. Choose one of the following:

    — Press the **Yes** context-sensitive soft key to confirm the removal of all the feature keys.

    — Press the **No** context-sensitive soft key to return to the previous screen without removing the feature keys.

Yes

Or

No

15. To select a single feature key to remove do one of the following:

    — Press the **Up/Down** navigation key to scroll through the feature keys to highlight one and press the **Remove** context-sensitive soft key.

    — Press the **Feature** key that you want to remove and then press the **Remove** context-sensitive soft key.

    — Use the dialpad to select the **Feature** key that you want to view and then press the **Remove** context-sensitive soft key.

    or

    Press the **Back** context-sensitive soft key to return to the previous menu.

Creating a feature key using the Copy key

You can create a feature key for Speed Dial, Call Forward, or Send IM by pressing the **Copy** fixed key when you are viewing any of the following:

- a highlighted entry in an Address Book list
- a highlighted entry of your Call Inbox or Call Outbox

To designate a feature key by using the Copy key:

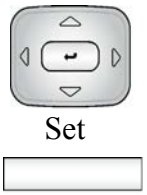
1. Open your Address Book, Call Inbox, or Call Outbox, highlight the entry you want to use for the feature key, and then press the **Copy** key.

Attention:

2. Press the **Up/Down** navigation key to highlight Speed Dial, Call Forward, or Send IM from the menu.

   Note: Presence and Do Not Disturb are not programmable by using the **Copy** key.

3. Press the **Select** context-sensitive soft key.



4. Choose one of the following:

   — Press the **Up/Down** navigation key to highlight the feature key to which to copy the information to and press **Set**.

   — Press the **Feature** key that you want to use for the service selected.

5. Use the dialpad to enter the label for the feature key.

6. Press the **Next** context-sensitive soft key to continue. Continue to input information based on the selected service:
   - "To program a Speed Dial feature key:" on page 248
   - "To program a Call Forward feature key:" on page 250
   - "To program a Send IM feature key:" on page 252
   - "To program a Presence feature key:" on page 253

   or

Press the **Back** context-sensitive soft key to return to the previous menu.

Using Call Forward

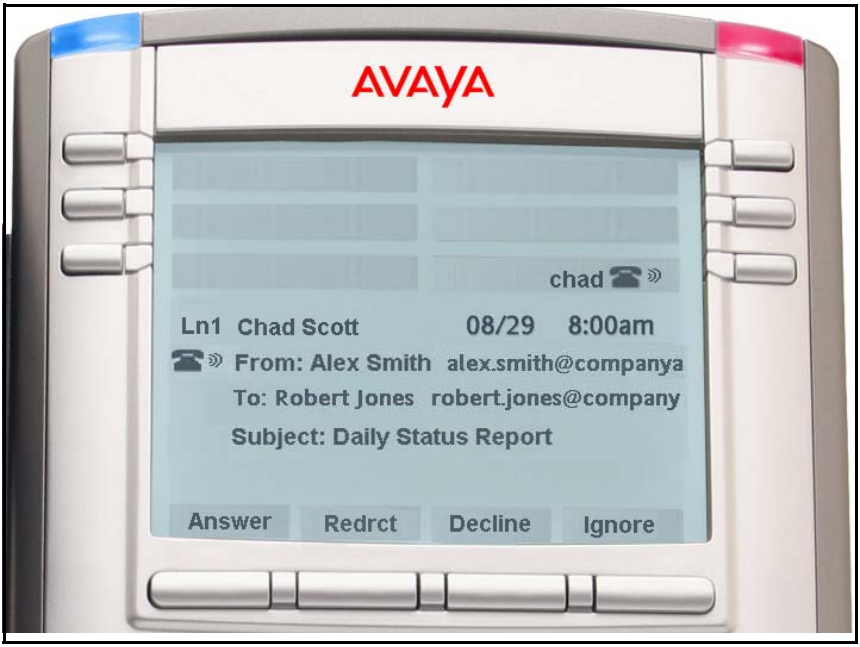
Use the Call Forward feature to direct incoming calls to an alternate destination. You can continue to make calls from the IP Deskphone but all incoming calls are redirected to the new destination.

When you forward a call to another IP Deskphone, the IP Deskphone receives the call displays the name and SIP address (*if present*) of the caller, the name and SIP address (*if present*) of the original called party, and any subject message included with the call. This ensures that the user who receives the forwarded call knows that the call is forwarded from you, who the call is from, and any subject message that is included.

Note: Not all service providers display forwarded calls as described. Contact your system administrator or service provider for more information about Call Forward.

Figure 42 on page 265 shows the incoming call display for an incoming call.

Figure 42: Incoming call display for a forwarded call



When the address or subject line is long, you can scroll by using the left and right navigation keys.

Table 17 on page 265 describes the Privacy setting and the display for a forwarded call on the IP Deskphone.

Table 17: Privacy setting and IP Deskphone display for Call Forward (Part 1 of 2)

Privacy setting	IP Deskphone display
None	From: Robert (robert@companyb.com) To: Alice (alice@companya.com) Subject: Calling to discuss budget.

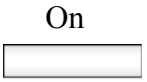
Table 17: Privacy setting and IP Deskphone display for Call Forward (Part 2 of 2)

Privacy setting	IP Deskphone display
All	From: Anonymous To: Alice (alice@companya.com) Subject: Calling to discuss budget.
Address	From: Robert To: Alice (alice@companya.com) Subject: Calling to discuss budget.
Name	From: robert@companyb.com To: Alice (alice@companya.com) Subject: Calling to discuss budget.

When you forward your calls to another user or IP Deskphone, you have the option to program the IP Deskphone to remind you that incoming calls can be forwarded. This notification is an audible signal you hear when you go off hook and a change to the ring pattern when a call is incoming.

To activate or deactivate this notification:

1. Press the **Prefs** context-sensitive soft key, select **Feature Options**, and select **Call Fwd Notification** from the menu.



1. Choose one of the following:
   - Press the **On** context-sensitive soft key to activate Call Forward Notification
   - If the Call Forward Notification is activated you press the **Off** context-sensitive soft key to deactivate the feature.

Note: If the IP Deskphone is ringing or is in Do Not Disturb mode, you cannot forward the call.

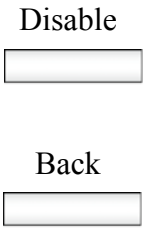
To forward your calls or change the number where calls are forwarded:

1. Press the **CallFwd** context-sensitive soft key.

2. Enter the phone number or SIP address where you want to forward your calls.

3. Choose one of the following:
   - Press the **Forwrd** context-sensitive soft key to accept the number and return to the Home screen.
   - Press the **Clear** context-sensitive soft key to clear the input line.
   - Press the **Back** context-sensitive soft key to cancel the input and return to the Home screen.

To deactivate Call Forward:

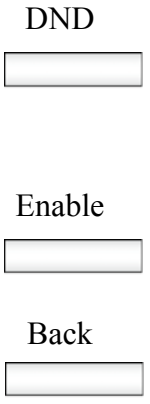


1. Choose one of the following:
   - — Press the **Disable** context-sensitive soft key to deactivate Call Forward and return to the Home screen.
   - — Press the **Back** context-sensitive soft key to cancel deactivating the Call Forward and return to the Home screen.

Configuring Do Not Disturb

Use Do Not Disturb to automatically block all incoming calls. When you activate this feature, the calling party receives a busy signal.

To enable Do Not Disturb:

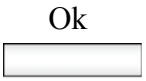


1. Press the **DND** context-sensitive soft key on the idle display (press the **More...** context-sensitive soft key until **DND** appears).
2. Choose one of the following:
   - — Press the **Enable** context-sensitive soft key to configure the IP Deskphone to Do Not Disturb.
   - — Press the **Back** context-sensitive soft key to return to the previous menu.

3. Press the **Ok** context-sensitive soft key to return to the Services menu.

To disable Do Not Disturb:

1. Choose one of the following:
   - Press the **Disable** context-sensitive soft key to configure the phone to Do Not Disturb.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

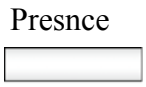


2. Press the **Ok** context-sensitive soft key to return to the Services menu.

Configuring a Presence state

Configure a presence state to enable other users to see information about your availability. You can select from a list of pre-made messages or create a new message to display for your presence state.

To select a Presence state:



1. Press the **Presnce** context-sensitive soft key (press the **More…** context-sensitive soft until **Presnce** appears).

Change

Back

2. Choose one of the following:
   — Press the **Change** context-sensitive soft key to change your current presence state.

Press the **Back** context-sensitive soft key to return to the Home screen.

3. Press the **Up/Down** navigation key to highlight either:
   — Connected
   — Unavailable

Select

Back

4. Choose one of the following:
   — Press the **Select** context-sensitive soft key to continue to the next screen.
   — Press the **Back** context-sensitive soft key to return to the previous step.

You can choose a more detailed message for other users to see, or you can select **None** if you do not want to provide additional information.

5. If you chose **Connected** in step 2, press the **Up/Down** navigation key to highlight one of the following details:

   — None

   — Away

   — Out to Lunch

   — Be Right Back

   If you chose **Unavailable** in step 2, press the **Up/Down** navigation key to highlight one of the following details:

   — None

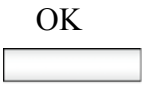
   — Busy

   — On vacation

   — Offline

   Note: You can create your own Presence messages to appear on screen, which become available when you program a feature key as a shortcut.

6. Choose one of the following:
   - Press the **Select** context-sensitive soft key to select the Presence detail and move to the confirmation screen.
   - Press the **Add** context-sensitive soft key to enter a custom note. For more information, see “Adding a new Presence state message” on page 272.
   - Press the **Back** context-sensitive soft key to return to the previous step.

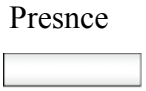


7. Press the **OK** context-sensitive soft key to confirm the Presence state selection.

Adding a new Presence state message

You can add a new Presence state message.

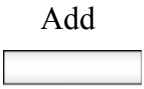
To add a new Presence state message:



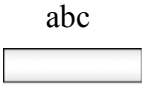
1. Press the **Presnce** context-sensitive soft key (press the **More....** context-sensitive soft key until **Presnce** appears).

2. Press the **Change** context-sensitive soft key.

3. Select **Connected** or **Unavailable** from the menu.

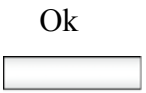


4. Press the **Add** context-sensitive soft key.



5. Press the **abc/123** context-sensitive soft key to toggle between alphabetic and numeric characters.

6. Use the **Dialpad** to enter a new Presence state message.



7. Choose one of the following:
   - Press the **Ok** context-sensitive soft key to confirm the entry and complete the procedure.
   - Press the **Back** context-sensitive soft key to return to the previous step.

Audio Codecs

This feature allows you to specify a codec to which you can switch to during an active call. You can use the Preferences menu to modify the order of preference of the codecs between calls.

You can select an audio codec by name during a call, or while the handset is idle. The Audio Codecs feature also gives you control over the audio configuration that is used for inbound and outbound calls.

To change the codec while on the call, select **Audio**, **Change codec**, and then press **OK**.

The following context-sensitive soft keys are available on the Audio Codes page:

- **Ok**—to view the Audio Codec Selection screen.
- **Back**—to return to the previous screen.

Audio Codec Selection

The Audio Codec Selection allows you to select a codec to use during inbound and outbound calls.

The following context-sensitive soft keys are available for selecting the audio codes:

- **Select**: The IP Deskphone attempts to renegotiate the codec for the current call to use the selected codec.
- **Back**: Allows you to return to the Audio Codec screen.

Audio Codec Ordering

The Audio Codec Ordering allows you to modify the order of preference of codecs to use during inbound and outbound calls.

The following context-sensitive soft keys are available for the audio codec ordering page:

- **Save**—to save the current order as the new preferred codec order.
- **MoveUp**—to move the highlighted codec up in the list.

- **MoveDwn**—to move the highlighted codec down in the list.
- **Back**—to return to the Audio Codec screen.

The Audio Codec Ordering screen allows you to modify the order of preference of the codecs. You can reorder the preferences, and the changes to the ordering are saved.

- **Allow Address**—to edit the list of address.

The following context-sensitive soft keys are available for the Answer-Mode Settings page:

- **Change**—to open the Allow Mode Settings page if option 1 is selected. Allows you to open the Allow Domain page shown if option 2 is selected.
- **Back**—to return to the Feature Options page.

Allow-Mode Settings

The Allow-Mode Settings screen allows you to enable or disable the feature, and to allow automatic requests for Friends, Directory, or Public users.

The following context-sensitive soft keys are available for the Allow mode settings page:

- **Select**—to enable the current selection.
- **Back**—to return to the previous screen.

Allow Domain setting

The Allow Addresses screen allows you to preauthorize requests to automatically answer to a list of user-entered domains, and SIP addresses.

Select **Prefs**, **Feature Options**, **Answer-Mode Settings**, and then press **Allow addresses** to view the Allow Addresses screen.

The screen displays the following instructions:

```
Domain or SIP address

[Typing cursor]
```

The following options are available for the Allow Addresses page:

- **Save**—to save the entered domain and SIP address into the list and displays the list.
- **abc/123**—to change between alphanumeric and numeric entry.
- **Clear**—to erase all entered characters.

- **Back**—to return to the previous screen.

The Allow Addresses screen displays the domains and SIP addresses in a list. If the list is long, you can scroll down the screen until you have reached the last entry.

The following context-sensitive soft keys are available for the Allow Addresses page:

- **Add**—to add the entry content.
- **Edit**—to select the current entry and edit the entry.
- **Delete**—to delete the selected domain from the list.
- **Back**—to return to the Answer-Mode Settings screen.

Automatic remote firmware updates

> ***Note:*** Your system administrator must enable **Remote check for update** for this feature to work.

Your IP Deskphone may be configured to perform automatic firmware updates. If this feature is configured, the IP Deskphone displays when a firmware update is scheduled to occur, and **Yes** and **No** context-sensitive soft keys are displayed. If the IP Deskphone is idle and no key is pressed, the firmware update begins in one minute.

If you press **Yes**, the firmware download begins.

If you are using your IP Deskphone (this includes on hold, on a conference call, or when your IP Deskphone is ringing) and you press **No**, the call is not disconnected and the firmware update does not occur. The IP Deskphone displays the firmware download prompt again in three minutes a total of three times.

If, after the third notification, you press **No** or no key is pressed, the firmware update does not occur. Your IP Deskphone attempts the firmware download process again in two hours.

> ***Note:*** If you allow the update to proceed and the server is down, the IP Deskphone does not ask for updates again.

Busy lamp field

The Busy Lamp Field (BLF) is an alternate presence-monitoring mechanism for the IP Deskphone that allows presence functionality on proxies that support BLF.

BLF is an icon state for a corresponding Speed Dial key on an IP phone; the icon state tells you if another extension connected to the same SIP server is busy. You do not enable or disable this feature; BLF is configured by your system administrator. If enabled, the IP Phone subscribes to the proxy and receives the presence state list for all the users it is configured to watch. Call states and the corresponding presence icons are shown in the following table:

Table 18: Call states and corresponding Presence icons

State	Meaning	Icon
Unknown	The presence of the monitored IP Phone is unknown	
Terminated	The monitored IP Phone is not involved in a call and is available	
Ringing	The monitored IP Phone is ringing	Flashing
On the phone	The monitored IP Phone is busy on a call	

Note: If you have the required permissions you can answer a call placed to a monitored IP Phone. To answer, press the flashing **Ringing** button.

Advanced features

The following chapter describes the following advanced features:

- “Viewing the IP Deskphone information” on page 304
- “Accessing the services menu” on page 305
- “Network menu” on page 316
- “USB flash drive” on page 318
- “Customizable Banner for login” on page 320
- “Phone Information - Details screen” on page 321

- “Selecting an image to be viewed as a slideshow” on page 329
- “Service Package Group Support” on page 331
- “Speed Dial List” on page 340
- “USB Flash memory device support” on page 343

Viewing the IP Deskphone information

You can view phone information for the IP Deskphone.

To view the Phone Information for the IP Deskphone:

1. Press the **Services** hard key and select **Phone Information** from the menu.

You can view the following information:

- Load Ver
- Software
- E.M Software
- Presence

- FeatActv
- Srv Pkg Location

Press the **Details** context-sensitive soft key to show:

- Primary User
- Primary Domain
- MAC
- IP
- License server
  - Status

Press the **Back** context-sensitive soft key to go back to the Phone Information Screen.

Note: You cannot make any changes to the setting from this menu.

To view information about the USB port press the **USB** context-sensitive soft key after you access the **Phone Information** screen. To view information about E911 press the **E911** context-sensitive soft key after you access the **Phone Information** screen.

Accessing the services menu

Some of the system features require your user password. You must consult with the system administrator or service provider before you can access some of the features.

1. Press the **Services** hard key.

The IP Deskphone displays the following menu:

1. Search—use to perform local/global search.
2. Login—use when the call server supports multiple user logons only.

3. Logout— use to logoff the IP Deskphone. For more information, see “Logging off from the IP Deskphone” on page 82.
4. Check for Updates—use to check for the latest firmware update for the IP Deskphone. For more information, see “Checking for updates” on page 306.
5. Reset Phone— use to perform a reset of the IP Deskphone. For more information, see “Resetting the IP Deskphone” on page 310.
6. File Manager—For more information, see “Erasing the user data” on page 311.
7. Logging System—use to enable/disable SIP logging.
8. Phone Information—use to view deskphone details. For more information, see “Viewing the IP Deskphone information” on page 304.

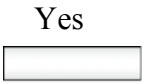
Checking for updates

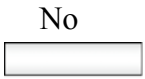
You can check for the latest firmware update for your IP Deskphone.

To check for the latest firmware update:

1. Press the **Services** fixed key.
2. Select **Check For Updates**.

3. Press the **Select** context-sensitive soft key.





4. Choose one of the following:
   - Press the **Yes** context-sensitive soft key check for the latest firmware update for your IP Deskphone.
   - Press the **No** context-sensitive soft key to return to the previous menu without checking for an update.

   Note: While the IP Deskphone checks for an update, it activates Do Not Disturb (DND).

Switching the proxy

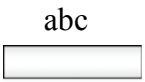
When you switch proxy, you change the domain to which the IP Deskphone connects.

To switch the proxy:

1. Press the **Services** fixed key.

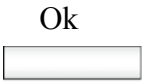
2. Select **Check For Updates**.

3. Press the **Select** context-sensitive soft key.

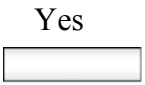


4. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

5. Use the dialpad to enter your password.



6. Choose one of the following:
   - Press the **Ok** context-sensitive soft key.
   - Press the **Back** context-sensitive soft key to return to the previous menu.



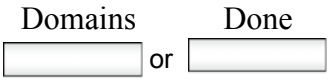
The IP Deskphone prompts you with `Switch to alternate proxy server?`

7. Choose one of the following:
   - Press the **Yes** context-sensitive soft key to proceed.
   - Press the **No** context-sensitive soft key to return to the **System** menu.

The IP Deskphone logs you out from the current domain and returns you to the **User Login** screen.

8. Press the **Domain** context-sensitive soft key.

9. Choose one of the following:



— Press the **Domains** context-sensitive soft key to change the current domain.

— Press the **Done** context-sensitive soft key to keep the existing configurations and return to the **User Login** screen.

10. Press the **Up/Down** navigation key to highlight the new domain you want to use.

11. Choose one of the following:

— Press the **Select** context-sensitive soft key to change the domain to the highlighted domain from the list.

The IP Deskphone returns to the **Current Domain** display screen, and the new domain appears.

— Press the **Back** context-sensitive soft key to keep the existing configurations and return to the Display menu.

12. Press the **Done** context-sensitive soft key to confirm the new Domain and return to the **User Login** screen.

13. Log on as usual.

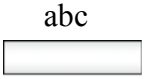
Resetting the IP Deskphone

You can use this feature to reset the phone without unplugging the power cable.

To reset the IP Deskphone:

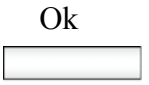
1. Press the **Services** fixed key, and then select **Reset Phone**.

2. Press the **Select** context-sensitive soft key.

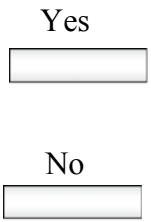


3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

4. Use the dialpad to enter your password.



5. Choose one of the following:
   - Press the **Ok** context-sensitive soft key.
   - Press the **Back** context-sensitive soft key to return to the previous menu.



The IP Deskphone prompts you with `Reset Phone?`.

6. Choose one of the following:
   - Press the **Yes** context-sensitive soft key to proceed.
   - Press the **No** context-sensitive soft key to return to the System menu.

Erasing the user data

The IP Deskphone stores user files that you eventually want to delete. These files include:

1. Profiles—user profile settings
2. Sounds—downloaded tones or audio alerts
3. Languages—downloaded language files
4. Images - downloaded image files
5. Logs - ECR-log file, SIP-log files and its archives.
6. System file—IP Deskphone system configuration file (Deleting this file returns the IP Deskphone to the factory default configuration settings.)

You can delete some or all of these files. The deletion of files is often necessary when the IP Deskphone is redeployed to a different user.

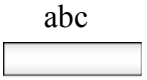
Note: Your phone configuration can prohibit you from deleting files. In this case, if you are prohibited from deleting files, the following message appears:
`Action is not allowed. You don't have permissions`

To delete user data files:

1. Press the **Services** fixed key.

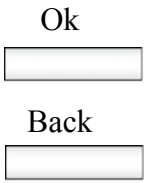
2. Select **File Manager**.

   Note: You must enter your login password to access the File Manager menu.



3. Press the **abc/123** context-sensitive soft key to toggle between alphabetic or numeric input.

4. Use the dialpad to enter your password.



5. Choose one of the following:

   — Press the **Ok** context-sensitive soft key.

   — Press the **Back** context-sensitive soft key to return to the previous menu.

6. Press the **Up/Down** navigation key to highlight one of the following:
   - Profiles
   - Sounds
   - Languages
   - System file
   - All files

Select

7. Choose one of the following:
   - To enter the selected folder, press the **Select** context-sensitive soft key.
   - To delete contents of the selected folder, press the **Delete** context-sensitive soft key.

Delete

Note: Folders cannot be deleted because they are on the IP Deskphone.

Exit

- If you are at the root folder of the flash disk, press the **Exit** context-sensitive soft key to return to the previous menu.

Back

- If you are already inside the folder, press the **Back** context-sensitive soft key to return to the previous menu.

To delete a user profile:

1. Press the **Up/Down** navigation key to highlight the user profile you want to delete.

2. Choose one of the following:
   - Press the **Delete** context-sensitive soft key to delete the highlighted user profile from the list.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

3. Log off or restart the IP Deskphone to complete the process.

To delete a sound file:

1. Press the **Up/Down** navigation key to highlight the sound file you want to delete.

2. Choose one of the following:
   - Press the **Delete** context-sensitive soft key to delete the highlighted sound file from the list.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

To delete a language file:

1. Press the **Up/Down** navigation key to highlight the language file you want to delete.

Delete

2. Choose one of the following:
   - Press the **Delete** context-sensitive soft key to delete the highlighted language file from the list.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

Back

To delete a log file:

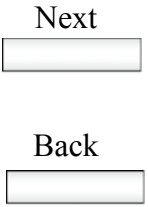
1. Press the **Up/Down** navigation key to highlight the log file you want to delete.

Delete

2. Choose one of the following:
   - Press the **Delete** context-sensitive soft key to delete the highlighted language file from the list.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

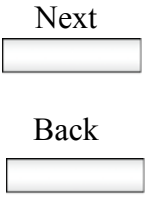
Back

To delete the system file without deleting the user profile:



1. Choose one of the following:
   - Press the **Next** context-sensitive soft key to delete the system file.
   - Press the **Back** context-sensitive soft key to return to the previous menu.
2. Log out or restart the IP Deskphone to complete the process.

To delete all files:



1. Choose one of the following:
   - Press the **Next** context-sensitive soft key to delete the system file and user profiles.
   - Press the **Back** context-sensitive soft key to return to the previous menu.
2. Log out or restart the IP Deskphone to complete the process.

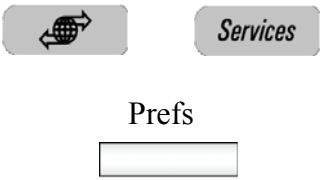
Network menu

Primarily, the system administrator is the only person authorized to access the network menu and to use an administration password to access the items. For more information on how to access the network menu items, see *SIP Software for Avaya 1100 Series IP Deskphones - Administration* (NN43170-600).

The following Network menu items are available:

- Server Settings—to select and edit domains
- Device Settings—to configure the network settings
- Diagnostics—to run a trace route or send a ping to diagnose the network connection
  - — IP Set and DHCP information
  - — Network Diagnostics tools
  - — Ethernet Statistics
  - — IP Network Statistics
  - — USB Devices
  - — Advanced Diag Tools
  - — Test Key
- Lock Menu—to access to the Network Menu

To access the Network menu:



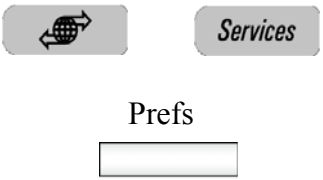
1. Choose one of the following:
   - — Press the **Services** fixed key twice quickly.
   - — Press the **Prefs** context-sensitive soft key, and then select **Network** from the menu.

   Note: You need to enter an administration password to access the Network menu items.

The following Network menu items are available:

- Server Settings—to select and edit domains
- Device Settings—to configure the network settings
- Diagnostics—to run a trace route or send a ping to diagnose the network connection
  - — IP Set and DHCP information
  - — Network Diagnostics tools
  - — Ethernet Statistics
  - — IP Network Statistics
  - — USB Devices
  - — Advanced Diag Tools
  - — Test Key
- Lock Menu—to access to the Network Menu

To access the Network menu:



1. Choose one of the following:
   - — Press the **Services** fixed key twice quickly.
   - — Press the **Prefs** context-sensitive soft key, and then select **Network** from the menu.

   Note: You need to enter an administration password to access the Network menu items.

USB flash drive

A standard USB flash drive can be used for the following:

- To extend the hardware storage in the IP Deskphone.
- To support file transfer between the PCs and the IP Deskphone to upload specific files or preferences into the IP Deskphone.
- To backup data stored in the IP Deskphone.

Presence of USB flash drive

Navigate through the menus **Services**, **Phone Information**, **USB** to verify the presence of the USB flash drive attached to the IP Deskphone. After you select the **USB** menu, the attached USB flash drive is displayed along with other USB devices. The name of the USB device directly appears from the USB device itself. There is no explicit USB flash drive indication.

Feature characteristics

USB flash drives with 8GB or less are supported. A file browsing facility is available.

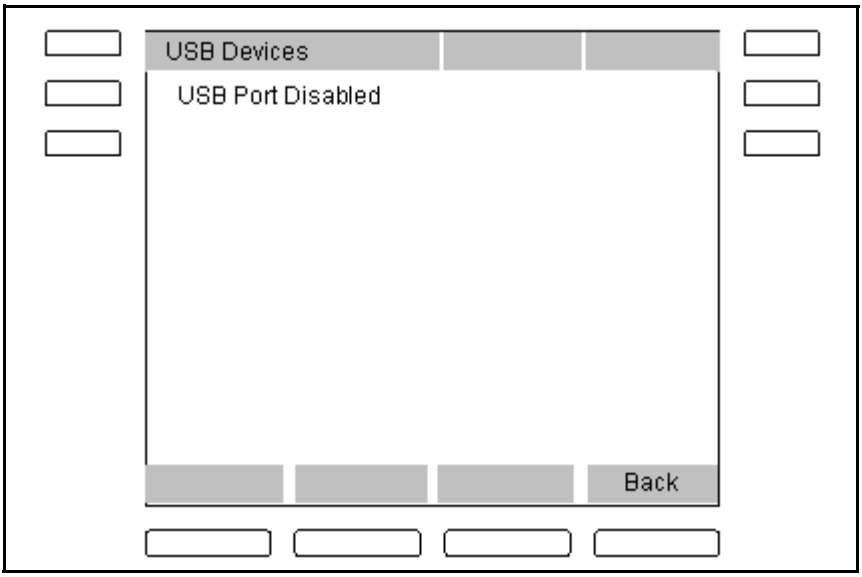
Most USB flash drives have an LED to indicate file operation in progress. After you attach the USB flash drive to the IP Deskphone, the IP Deskphone registers and mounts the USB file system. Mounting the file system causes the LED to flicker. If you disable USB device support, then the IP Deskphone does not mount the USB file system and the LED does not light.

There is no explicit safe removal. The USB flash drive can be removed safely when the LED indicator on the memory stick is off.

Enabling or disabling the USB Port

In the **Services**, **Phone Information**, **USB Devices** screen, if the value of **Enable USB Port** is **No** then the USB information does not display any USB devices connected. The screen displays the information that the USB port is disabled, as shown in Figure 52 on page 319.

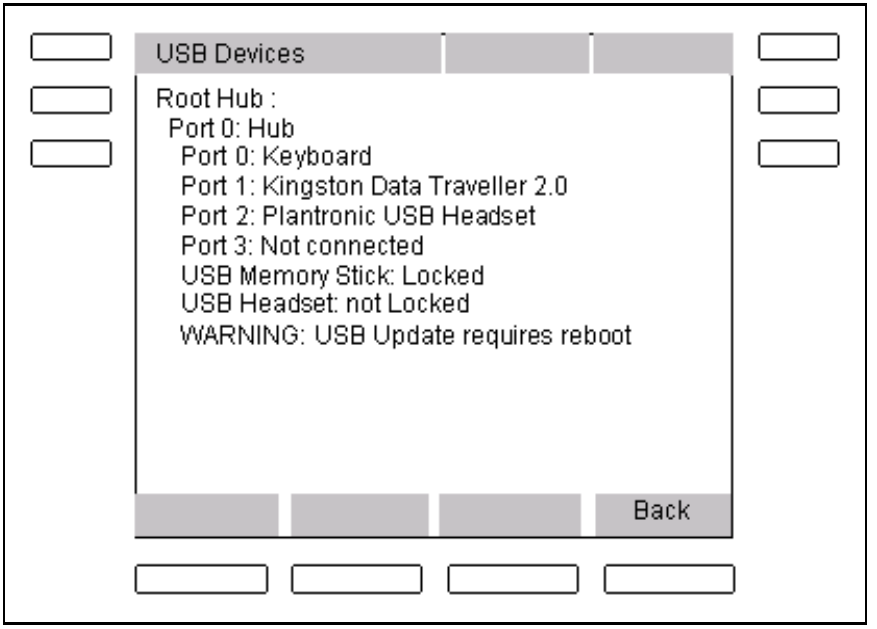
Figure 52: USB devices: USB port disabled screen



If the USB port is not disabled, then the USB menu displays information on all USB devices attached, even if the device is locked. An unsupported device is enumerated if it is attached to the IP Deskphone. To ensure you know about the USB lock status, the USB device information is followed by status information about supported USB devices. If the USB configurations do not match the USB device status because of the restart requirement, a warning that the **USB Update requires reboot** appears on the screen.

Figure 53 on page 320 displays a sample USB information menu with the USB port enabled and selected device locked:

Figure 53: USB devices: Phone information screen

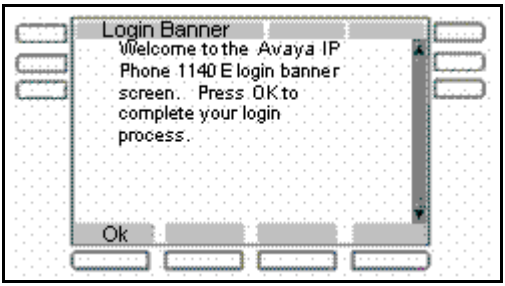


Customizable Banner for login

If a login banner with login banner text is configured, the IP Deskphone displays the banner text on the screen as the user logs on.

Changing the IP Deskphone configured language does not change the banner text language. The banner appears only for the primary user of an IP Deskphone. In a multiuser configuration, even when the banner text is enabled, the banner does not appear to the secondary user logins. Figure 54 on page 321 displays the login banner screen.

Figure 54: Login banner screen



You can dismiss the banner screen. While you dismiss the banner screen, the IP Deskphone switches to DND mode until the banner is dismissed. Outgoing or incoming calls are not allowed other than emergency calls until you dismiss the banner.

You can see pop-up messages or prompts on the bottom of the banner screen after you dismiss the login banner.

Phone Information - Details screen

The Phone Information details screen displays the Primary user, Primary domain, MAC address, and IP address of the IP Deskphone. The contents of this screen include user and IP Deskphone identifiable information that may need to be protected (per US Federal/DoD requirements/guidelines).

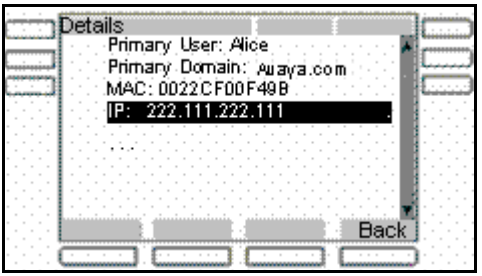
> ***Attention:*** To hide information that is protected, the administrator can disable the **Details** context-sensitive soft key on the main Phone Information screen.

If the **Details** context-sensitive soft key is disabled, you cannot view details on the Phone Information details screen.

If the **Details** context-sensitive soft key is enabled, you can view the Phone Information Details screen. In the Services menu, select Phone Information and then press the **Details** context-sensitive soft key.

Figure 55 on page 322 displays the Phone Information Details screen.

Figure 55: Phone Information Details screen



The Phone information details list the following:

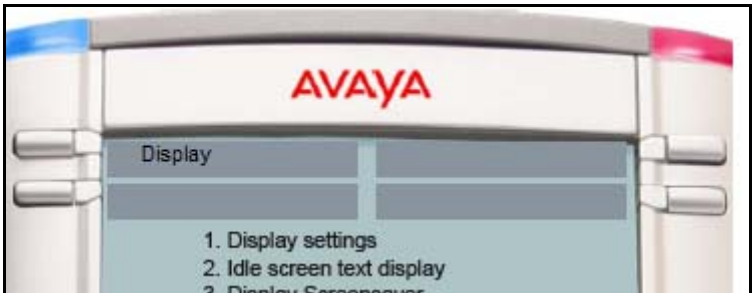
- **Primary User**: Primary Logged in User name.
- **Primary Domain**: Primary login domain.
- **MAC**: Device MAC address.
- **IP**: IP Deskphone IP Address
- **Device Licensing/Token usage information**: License or token usage information for the IP Deskphone. It is an optional item in the phone information.

To dismiss the details screen and return to the previous display, press the **Back** context-sensitive soft key.

screensaver timer to turn off, and activates the previously-selected screensaver.

Figure 56 on page 323 displays the menu with the option of selecting the display screensaver.

Figure 56: Display screensaver screen

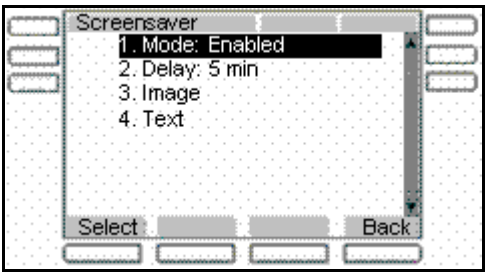


Select the Display Screensaver menu item to display the screensaver settings screen.

The screensaver settings screen allows you to enable or disable your screensaver/lock. You can also configure various settings such as the delay before the screensaver starts, the background image to use, and the banner text to display when the screensaver/lock is active.

Figure 57 on page 323 displays the screensaver settings screen.

Figure 57: Screensaver settings screen



The following are the items on the displayed list:

- **Mode**—to enable or disable the screensaver and choose if the screensaver is to be password protected.
- **Delay**—to set the time delay before the screensaver is invoked.
- **Image**—to select the background image to display when the screensaver is active.
- **Text**—to set the text that appears on screen when the screensaver is active.

The following are the options available for the screensaver settings menu:

- **Select**—to select the currently highlighted setting.
- **Back**—to dismiss the screensaver setting.

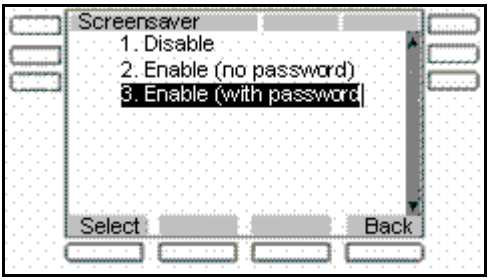
Selecting the screensaver setting screen

The screensaver mode settings screen allows you to enable or disable the screensaver**/lock.**

Choose **Prefs**, **Display** and then select **Display Screensaver** to display the screensaver settings screen.

Figure 58 on page 324 shows the screensaver mode setting screen.

Figure 58: Screensaver mode setting screen



The screensaver mode setting lists the following items:

- **Disable**—to the disable the screensaver.

- **Enable (no password)**—to enable the screensaver with a password free mode.
- **Enable (with password)**—to enable the screensaver with a password mode.

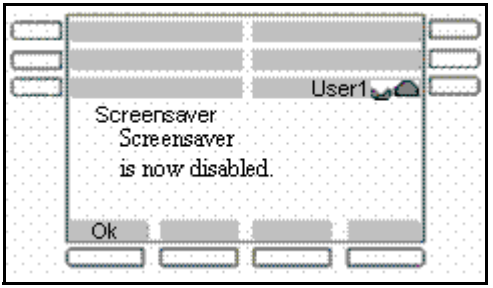
The following are the options available for the screensaver settings menu:

- **Select**—to select the currently highlighted setting.
- **Back**—to dismiss the screensaver mode menu.

Note: Some options may not appear, depending on configuration.

Disabling the Screensaver displays a message confirming your selection. Figure 59 on page 325 displays the screensaver disable message screen.

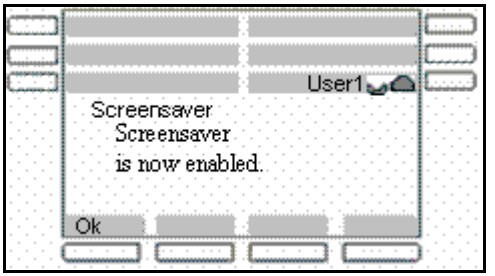
Figure 59: Screensaver disabled message



Enabling the screensaver in **no password** mode displays a message confirming your selection.

Figure 60 on page 326 displays the screensaver enable message screen.

Figure 60: Screensaver enabled message



Note: If the device configuration does not allow the use of a password free screensaver, this menu option is unavailable to you.

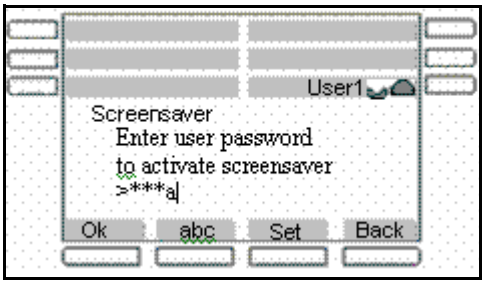
Enabling the screensaver in **password protected** mode prompts you to enter the password before logging in.

The screen lets you launch the user-defined password definition screen if it is enabled in the configuration.

The text on screen displays *Enter user password to activate screensaver* followed by a user input prompt.

Figure 61 on page 326 displays the screensaver password screen.

Figure 61: Screensaver password screen



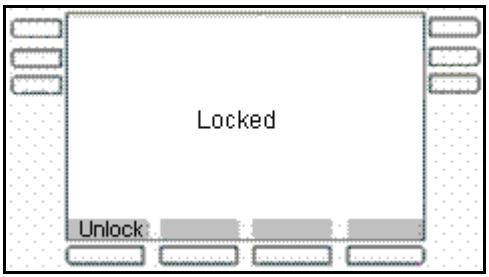
The options, which are available for the Enable (with password) mode are as follows:

- **Ok**—Screensaver enabled message appears if the password is valid. Invalid password message appears if the password is invalid.
- **123/abc**—to toggle input mode between numeric or alphabet.
- **Set**—context-sensitive soft key appears only if the feature allows the configuring of user-defined passwords. This key invokes a password definition screen that allows you to configure a password.
- **Back**—to dismiss the Enable (with password) mode menu.

If the option to use a user-defined password is allowed, the interface (screen) to configure the password, is accessed through the **Set** context-sensitive soft key on that screen. If a user-defined password is not allowed, then the **Set** context-sensitive soft key is not visible, and you can use only the primary user login password to enable the password–protected screensaver.

After the screensaver is activated, if the IP Deskphone is idle for the defined delay/time interval, the screensaver takes control of the IP Deskphone. Figure 62 on page 327 displays the screen with locked screen.

Figure 62: Screensaver locked screen



The following option is available for the Enable (with password) mode:

- **Unlock**—if the screensaver is not password protected, this key press (or any other) cancels the screensaver. If the screensaver is in a password–protected mode, pressing the **Unlock** context-sensitive

soft key invokes a password input screen. The password must be correctly entered to cancel the screensaver.

If you enable the screensaver with **no password** mode:

- Any user interaction, key presses, mouse movement, or incoming call cancels the screensaver (without requiring a user password). This includes pressing the **Unlock** context-sensitive soft key.
- Incoming IMs do not cancel the screensaver.
- The programmed keys of attached Expansion Module(s) are cleared until the screensaver is deactivated. If you have logged on to the IP Deskphone, you are not logged out, but the line key labels clear and are inactive until the screensaver is deactivated.

If you reboot the IP Deskphone when there is an active screensaver:

- If you have enabled autologin, then the screensaver remains active after the IP Deskphone reboots and completes the login.
- If you have not enabled autologin, then the screensaver setting remains enabled, but not active, after you log back into the IP Deskphone manually.

If you enable the screensaver with a password protected mode:

- User interaction, key presses, and mouse movements do not cancel the screensaver.
- An incoming call displays showing caller ID and allows you to answer the call. You cannot make outgoing calls except an emergency call, and cannot view IMs or the Friends list until you unlock the IP Deskphone. An **Unlock** context-sensitive soft key appears on the screen. You can unlock the IP Deskphone after answering the call.
- Pressing the **Unlock** context-sensitive soft key prompts you to enter the password for the screensaver. The primary user line key is displayed (but not active) during the password prompt to give an indication about whose password is in use.
- Picking up the handset and dialing digits activates the line function display for emergency calls only. If you try to place an outgoing call, a message is displayed and the screensaver starts again.
- If you make an emergency call while the screensaver is active, the call is placed using the primary user.

- The Network menu is accessible to administrators (double press of the services key) even when the screensaver is active.
- If user-defined passwords are allowed, a mechanism to disable the screensaver (allowing the administrator to reset the user-defined password) is accessible through the network menu. This mechanism also invokes remotely from the IP Deskphone console through an SSH connection.
- All expansion modules are cleared of programmed keys until the screensaver is deactivated.
- If you reboot the IP Deskphone when there is an active screensaver:
  - If autologin is enabled, then the screensaver remains active after the IP Deskphone reboots and completes the login.
  - If autologin is not enabled, then the screensaver setting remains enabled but not active after you log back into the IP Deskphone manually.

Selecting an image to be viewed as a slideshow

You can display all of the screensaver images that have been uploaded to your IP Deskphone in a slideshow format. These files are loaded on the IP Deskphone using the USB flash drive. Images for the 1140E IP Deskphone cannot exceed 512 MB. The images must be resized before they are loaded onto the IP Deskphone. The image size for the 1140E IP Deskphone is 320x 160.

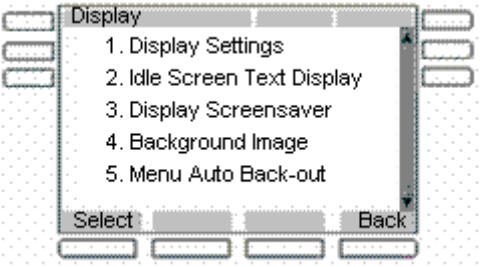
Images can be displayed as a slideshow. Choose **Prefs**, **Display**, **Images** and then select **Slideshow**.

Background image

The IP Deskphone displays background images on the screen. From the preferences menu, you can browse the stored images on the file system and select an image for the user interface.

Figure 63 on page 330 displays the background image menu.

Figure 63: Display menu



Selection of the menu item takes you to a new display list that contains all the available image files on the Flash File System.

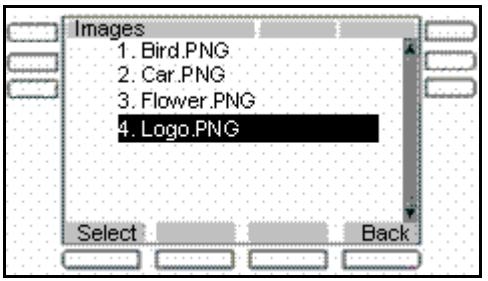
Selecting an image screen

Select an image from a list of images currently stored on the Flash File System of the device.

1. To select background image, press the **Prefs** context-sensitive soft key, choose **Display**, and then **Background Image**.

Figure 64 on page 330 displays the filenames of all image files currently stored on the Flash File System of the IP Deskphone.

Figure 64: File names containing image files



2. The following are the options available for the background selection screen.

- **Select**—to select the currently highlighted image.
- **Back**—to dismiss the Image selection screen.

After you select the background image you want to use, the confirmation screen appears.

Figure 65 on page 331 displays the selected image in the background and the message to press **OK** to keep the selected image.

Figure 65: Background confirmation screen

Note: If the selected image is not effective, you need to cancel the selection.

3. The following are the options available for the background confirmation screen.

- **OK**—to configure the selected image as background image.
- **Cancel**—to cancel the selection. Also, the selected image is disregarded and returns to Images list screen if the screen time-outs after 15 seconds.

Service Package Group Support

The Service Package Group Support can help you program feature keys on an expansion module. You can view the group support feature in the feature key programming user interface and in the Friends list interface of the Address book.

You can use to the Service Package Group Support to help you do the following:

- to bulk-create feature keys, such as Speed Dial keys, based on one of your existing Directory Address Book groups. See “To bulk-create

feature keys based on an existing directory Address book group:" on page 332. To view existing groups in your address book if you selected Groups as the source data for the bulk key creation, see "To view existing groups in your address Book if you selected Groups:" on page 334.

- to view the existing groups you have in your Address Book. See "To view existing groups in your address Book if you selected Groups:" on page 334.
- to add a new contact to your Address Book. See "To add a new contact to your Address Book" on page 337

To bulk-create feature keys based on an existing directory Address book group:

1. From the Idle screen, press the **Prefs** context-sensitive soft key (press the **More…** context-sensitive soft key until you see **Prefs**).

2. Press the **Up/Down** navigation key to highlight **Feature Options**, then choose **Feature keys**.

   The main feature key programming screen appears.

3. Press the **Bulk** context-sensitive soft key.

   The Program Key Bulk commands screen appears

4. Press the **Up/Down** navigation key to highlight **Feature key creation**.

Select

5. Press the **Select** context-sensitive soft key.

   The Create keys screen appears.

6. Press the **Up/Down** navigation key to highlight the type of programmed keys you want to create by bulk command.

   You can choose one of the following options:

   — Speed Dial

   — Send IM

   — Call Forward

Select

Back

7. Choose one of the following:

   — Press the **Select** context-sensitive soft key.

   If you press the **Select** context-sensitive soft key, the Select Source screen appears.

   — Press the **Back** context-sensitive soft key to dismiss the screen.

8. Press the **Up/Down** navigation key to highlight the source data for the bulk key creation.

   You can choose one of the following options:

   — Friends

   — Groups (if you have existing groups in your address book)

   — Address book

9. Press the **Select** context-sensitive soft key.

   — If you choose **Friends**, the bulk key creation process begins.

   — If you choose **Address Book**, the bulk key creation process begins.

   — If you choose **Groups**, the Select Group screen appears and prompts you to select the specific group you want to use for key creation.

   or

Press the **Back** context-sensitive soft key to dismiss the screen.

You can view existing groups in your address book if you selected Groups as the source data for the bulk key creation.

To view existing groups in your address Book if you selected Groups:

1. Press the **Up/Down** navigation key to highlight the source data (group) for the bulk key creation.

2. Choose one of the following:
   - Press the **Select** context-sensitive soft key to begin the bulk key creation process for the selected group.
   - Press the **Back** context-sensitive soft key to dismiss the screen and return to the screen where you can select the source data for bulk key creation.

Note: After you select from one of your existing groups, the bulk creation of the keys happens automatically.

Viewing the existing groups you have in your Address Book

1. When the IP Deskphone is in the idle mode, press the **Directory** fixed key to access your Address Book.

2. Press the **Filter** context-sensitive soft key to filter the list of entries displayed in your Address Book.

   The Select Filter screen appears and displays all the existing groups in your address book, as well as the Friends filter.

3. Press the **Up/Down** navigation key to highlight the required filter.

Select

4. Choose one of the following:

   — Press the **Select** context-sensitive soft key to choose the group you want to view (for example, if you choose personal, only address book entries that are part of the group personal are displayed).

   You are presented with the list of contacts currently part of the group you selected.

Back

   — Press the **Back** context-sensitive soft key to return to the dismiss the screen and return to the main address book screen.

5. Press the **Up/Down** navigation key to highlight the required entry.

View

All

Edit

Back

6. Choose one of the following options:

   — Press the **View** context-sensitive soft key to display the address book entry details for the selected entry.

   — Press the **All** context-sensitive soft key to return to the main address book screen (no filtering)

   — Press the **Edit** context-sensitive soft key to modify or delete an entry.

   — Press the **Back** context-sensitive soft key to dismiss the screen and return to the filter selection screen.

After the screen displays the details of the selected address book entry, you can do the following:

SendIM

Edit

Back

— Press the **SendIM** context-sensitive soft key to display the address book entry details for the selected entry.

— Press the **Edit** context-sensitive soft key to modify the displayed address book entry.

— Press the **Back** context-sensitive soft key to dismiss the screen and return to the main address book screen.

To add a new contact to your Address Book

Directory

1. When the IP Deskphone is in the idle mode, press the **Directory** fixed key to access your Address Book.

Add

2. Press the **Add** context-sensitive soft key.

Next

3. Choose one of the following:

— Use the dialpad to enter a name for the new contact and press the **Next** context-sensitive soft key to continue.

Back

— Press the **Back** context-sensitive soft key to return to the previous menu.

Next

Back

4. Choose one of the following:
   - Use the dialpad to enter a phone number or SIP address (URI) for the new contact. Press the **Next** context-sensitive soft key to continue.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

Yes

No

Back

5. Do one of the following to complete the entry:
   - Press the **Yes** context-sensitive soft key to add the new entry to an address book group.
   - Press the **No** context-sensitive soft key to add the entry to the address book without adding it to a group.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

   If you choose to add the new contact to a group, a list of all your existing groups is displayed, and the screen prompts you to select a group.

6. Press the **Up/Down** navigation key to highlight the required entry.

Select

Edit

Add

Back

7. Choose one of the following options:
   - Press the **Select** context-sensitive soft key to assign your new address book entry to the group that you selected.
   - Press the **Edit** context-sensitive soft key to modify the name of an existing group.
   - Press the **Add** context-sensitive soft key to add a new group (invokes the add group screen).
   - Press the **Back** context-sensitive soft key to dismiss the screen and return to the previous screen.

To add a new group:

Add

1. From the Select Group screen, press the **Add** context-sensitive soft key.

Ok

Back

2. Choose one of the following:
   - Use the dialpad to enter the group name, and then press the **Ok** context-sensitive soft key.

     Note: If the name of the new group already exits, an error screen appears.
   - Press the **Back** context-sensitive soft key to return to the previous menu.

Speed Dial List

When configuring the provision, a feature key can be used as a Speed Dial List. You cannot modify or delete the feature key used by the Speed Dial List. Also, you cannot modify the content of the Speed Dial List.

Invocation of the speed dial list is similar to other feature key invocation. The speed dial list key causes a full screen list to appear and offers you a chance to automatically dial one of the offered choices.

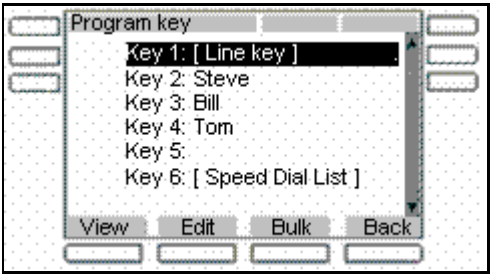
The contents of the Speed Dial List varies based on the current call state of the IP Deskphone and the type of speed dial list entry configured.

> ***Note:*** Only entries in the Speed Dial List can be context sensitive and not all speed dial keys/ individual feature keys.

A Speed Dial key or one included in a Speed Dial List can cause a call that it placed on hold (when invoked) to be un-held automatically (when call completes) based on a new value that must be configured when a Speed Dial key is created or configured.

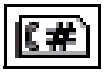
Figure 66 on page 340 displays the feature key used by the speed dial list.

Figure 66: Main feature key screen



A feature key provisioned for use as a Speed Dial List has a similar appearance to all other programmed feature keys on the idle screen (or in-call screen). The label used for the selected key is provided through provisioning.

The following is the icon for the Speed Dial List key.



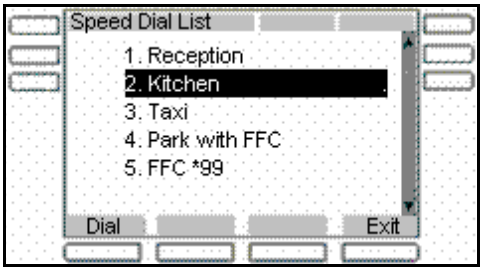
After you press the feature key provisioned as a Speed Dial List, the list of Speed Dials configured appears on the screen and the you can select an item from that list to invoke a Speed Dial.

If the speed dial list is empty, or results in being empty due to context sensitive hiding of contents, an error message displays stating *There are no Speed Dials currently available*.

Speed Dial List screen

You can select the provisioned speed dial list entries from the speed dial list screen. Figure 67 on page 341 displays the speed dial list screen with the list entries.

Figure 67: Speed dial list screen



The Speed Dial List screen displays all the speed dial list entries provisioned. The displayed list items are based on the provisioned list as well as the current Idle/Mid-call state of the IP Deskphone. After you invoke the speed dial list while the IP Deskphone is idle, only Speed Dial List entries that are configured to IDLE are displayed. Similarly, only items marked as MID CALL are displayed if the Speed Dial List is invoked while the IP Deskphone is in a call.

The following are the options available for the Speed Dial List screen.

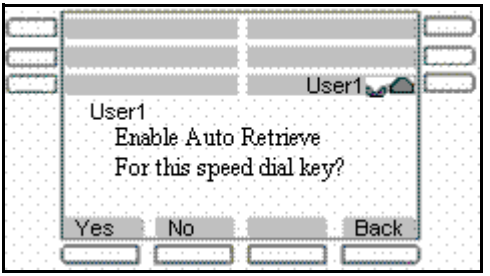
- **Dial**—invokes the selected speed dial.

- **Exit**— screen dismisses without invoking a Speed Dial List entry.

Auto retrieve flag

The Auto retrieve behavior is added to regular speed dial keys instead of speed dial list entries. To make sure that this flag is configured for programmed speed dial keys the screen in Figure 68 on page 342 appears as the last step in Speed Dial Key creation.

Figure 68: Auto Retrieve enable screen



Auto Retrieve screen allows you to configure the auto retrieve behavior for the Speed Dial.

The following are the options available for the Auto Retrieve enable screen.

- **Yes**—to enable Speed Dial with Auto-Retrieve behavior.
- **No**—to disable Speed Dial with Auto-Retrieve behavior.
- **Back**—to dismiss the screen and sent you back to previous key programming screen.

If you enable the auto-retrieve behavior on a Speed Dial key or Speed Dial list entry that is invoked and place a call on hold to invoke the current key/entry, the IP Deskphone attempts to un-hold the call after the key or entry call completes.

For example:

- A is talking to B when A invokes their Speed Dial List and selects an entry.

- Selection/invocation of a Speed Dial List entry places the A-B call on hold and place another outgoing call to URI specified in the Speed Dial List entry, let's say C.
- When the A-C call completes, if the auto retrieve flag is enabled for the Speed Dial, then the IP Deskphone attempts to take call A-B off hold. This may not always happen if the IP Deskphone receives another call during the A-C call, or if the A-B call state is changed while A-C is active.

USB Flash memory device support

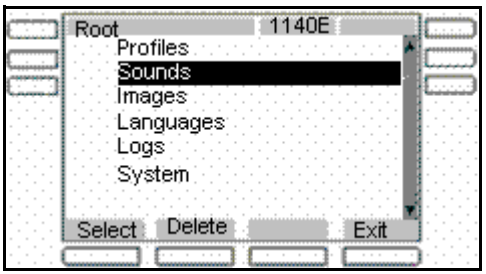
The IP Deskphone supports the browsing of files on a USB Flash memory device. A simple file browser allows you to select an image file (or other type of file) and upload onto the IP Deskphone file system. The file manager also allows you to browse and copy certain files from the IP Deskphone file system onto a USB flash drive.

After you select the File Manager menu by choosing Services menu, you can navigate to the IP Deskphone file system and any USB drives attached. From there, you can either copy a file from the IP Deskphone onto their USB drive or from the USB drive to the IP Deskphone.

After you select a File manager, and there are no USB drives plugged into the IP Deskphone, the root screen of the IP Deskphone file system screen the screen that appears.

Figure 69 on page 343 displays the root screen of the IP Deskphone file system.

Figure 69: Root screen



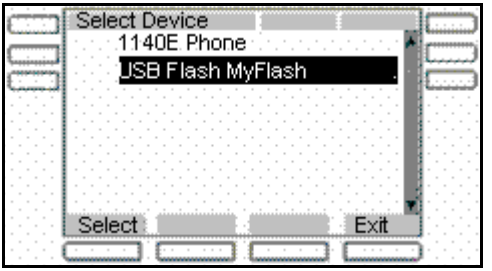
The following are the options available for the Root screen:

- **Select**—use to enter the selected folder.
- **Delete**—prompts you to delete contents of selected folder (folders are not deleted because they are on the IP Deskphone).
- **Exit**—If you are at the root folder of the flash disk, the screen is dismissed and you are sent back to previous menu. If you are already inside a folder, then the **Back** context-sensitive soft key acts the same as the **..** item and moves up one level in the directory structure.

After you select a File manager, and if the USB drives are plugged into the IP Deskphone, the screen that appears next is the **Select Device** screen. This screen lists the IP Deskphone, and USB drives that are available. After you select one of the items, the contents of that device (folders and files appears), and **..** allows you to navigate back to the select drive screen.

Figure 70 on page 344 displays the select device screen.

Figure 70: File manager select device screen

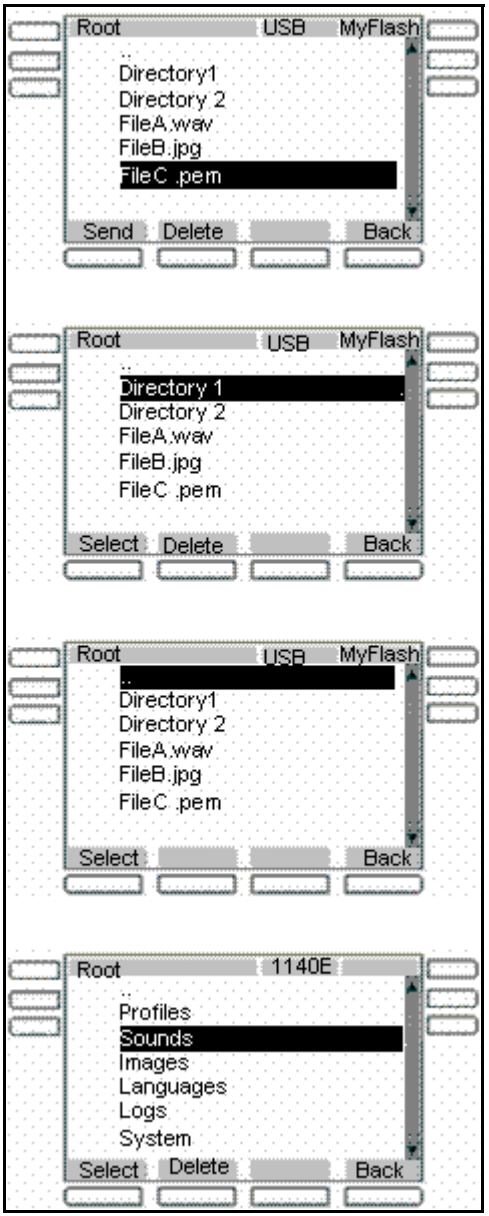


The following are the options available for the Select Device screen:

- **Select**—to enter the selected device.
- **Exit**—to dismiss the file manager and returns to the Services menu.

After you select the device you want to navigate, one of the following screens in Figure 71 on page 345 appears:

Figure 71: File manager device browsing screen



The file manager browsing screen provides the following options:

Note: The context-sensitive soft keys change based on the selected item on the screen.

- **Select**—to enter into the selected folder.
- **Back**—to return to the previous screen
- **Delete**:
  - — If you select a file, it prompts for deletion and deletes files. If you do not respond to the deletion prompt in 15 seconds, deletion is cancelled.
  - — If you select a folder on IP Deskphone, it prompts for deletion of all contents of the folder but not the folder.
  - — If you select a folder on USB device, it prompts for deletion of folder and all its contents. If you do not respond to the deletion prompt in 15 seconds, deletion is cancelled.

  Note: Your phone configuration can prohibit you from deleting files. In this case, if you are prohibited from deleting files, pressing the **Delete** soft key causes the following message to appear:
  `Action is not allowed. You don't have permissions`
- **Send**—appears only after you select a file.
  - — If you select a file on a USB device and press **Send**, you can send or copy the selected file to the IP Deskphone. Based on the file extension, the destination folder gets selected automatically (for example: PNG files are sent directly to Images folder on the IP Deskphone).
  - — If you select a file on the IP Deskphone and press **Send**, an error message appears if there is no USB drive that is currently plugged into the IP Deskphone. Sending files from the IP Deskphone to another location on the IP Deskphone is not allowed.
  - — If you select a file on the IP Deskphone and press **Send**, you are directed to the USB folder you want to send the file to [Select Destination Screen] while a USB drive is plugged in on the IP Deskphone.

- **Back**—to dismiss the current screen and returns you to the device selection screen.

File Manager Select Destination prompt screen

The File Manager Select Destination prompt screen allows you to select the folder you wish to send or copy the previously selected file into.

Figure 72 on page 347 displays the message to select the destination folder.

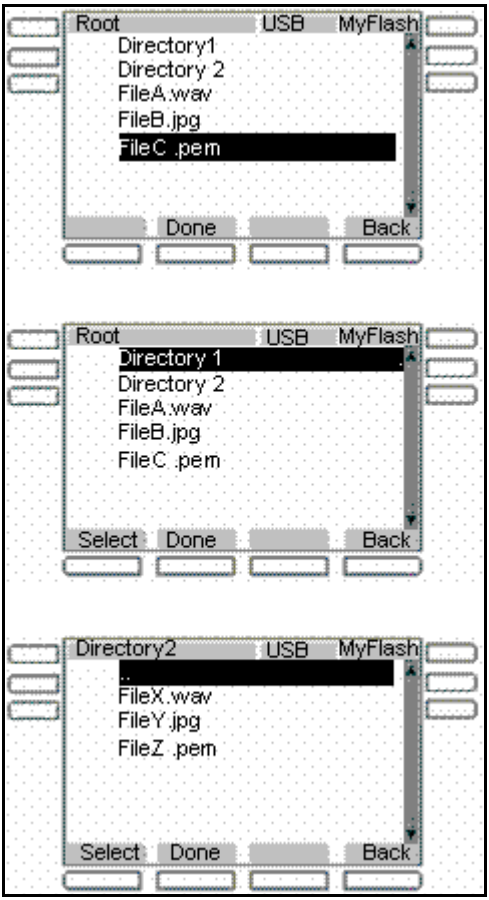
Figure 72: Select destination

The following are the options available for the Select Destination screen.

- **OK**—to enter in to the selected folder.
- **Back**—to return to the previous screen.

After you have confirmed to send a file from the IP Deskphone to the USB drive, the Select Destination screen appears, as shown in Figure 73 on page 348.

Figure 73: File Manager Select Destination screen



Note: The context-sensitive soft keys change based on the selected item on the screen.

Select—to enter the selected folder.

Done—to configure the current location as the destination for the send and initiates copy operation.

Back—to return to the previous screen.

Notes on File Manager

General notes for File Manager are as follows:

- Selection of the **..** item (or **Back** context-sensitive soft key) moves you one level up which results in going off the device and onto the **select device** screen in some cases. In the case of the current selection being a sub folder, the selection of **..** or the **Back** context-sensitive soft key has the identical behavior of moving up one level.
- Selection of a file causes the selected file to copy on to the IP Deskphone flash file system, or to invoke a specific handler for the selected file (configured after this screen is invoked by other mechanisms). Specific example of this is a device configuration file which causes the IP Deskphone to update with selected file rather than to copy the file to a folder.
- Based on the extension of the selected file, validation routines runs to verify the file size, the free space available on the FFS, including restrictions that can be defined for safe usage (example limit of XX images or ring tones on the IP Deskphone [based on model]).
- Files having unknown extension must not be available for any action. The IP Deskphone attempts to perform actions of file types and extensions it recognizes.

Scenarios for the use of the USB screens are as follows:

Scenario 1 - If you want to copy an image file from the USB drive into the IP Deskphone:

- Log on to the device and plug the USB flash drive into the IP Deskphone USB port.
- Press the **Services** hard key and choose **File Manager**.
- Select **Flash Disk device**. The contents of the device are displayed.
- Select the file you wish to copy and then press **Send**.
- You are prompted to select the device you wish to send the selected file.
- Select the IP Deskphone as the destination device.
- The file is validated based on the file extension and the passing of the validation routines and a handler is called for the file. In this case, the

image file copies the **images** directory of the flash file system on the IP Deskphone.

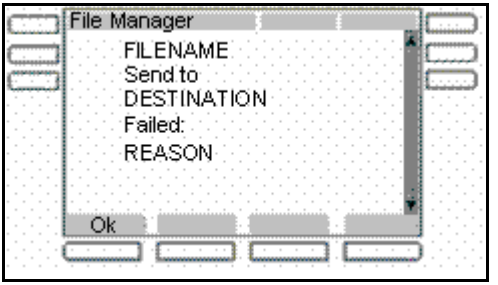
- A success message appears on the screen displaying that the file is copied to the IP Deskphone successfully. Figure 74 on page 350 displays a sample success message.

Figure 74: Sample Success message for File Manager Operation

Note: After a file is selected, there can be multiple reasons why the handling cannot complete. The file size may exceed allowed limits, there may not be enough space on disk, a file with the same name may already exist, or actions on the selected file type may not be allowed (configuration flag).

Error conditions display a message on the screen, and any action that may take some time to complete displays the *In progress…* message on the screen as shown in Figure 75 on page 350.

Figure 75: Sample Failure message for File Manager Operation



Scenario 2 - If you want to copy the ring tone from the IP Deskphone into the USB drive:

- Log into the device and plug the USB flash drive into the USB port of the IP Deskphone.
- Press the **Services** hard key and choose **File Manager**.
- Select the IP Deskphone from the select device screen.
- The contents of their IP Deskphone are displayed. Navigate to **Sounds** folder.
- Select the file you require and press the **Send** context-sensitive soft key.
- You are prompted to select the destination folder on the plugged in USB drive.
- Navigate to the folder **MyRings** and press the **Done** context-sensitive soft key to start the operation.
- The file is then validated (some files are not allowed to copy) and sent to the selected destination appears on the screen displaying that the file is copied on the IP Deskphone.

If file copying cannot complete due to insufficient space on the USB device, or due to the selected file type not being enabled in the File Manager (device configuration), then an error message is displayed on the screen.

An error message displays on the screen due to insufficient space on the USB device, or the selected file type not being enabled in the File Manager (device configuration).

Visual indicators

The IP Deskphone uses visual indicators or cues to indicate incoming calls and messages. The display icons on the IP Deskphone also indicate the current call state, the status of Inbox calls, and Instant Messages (IMs), and the Presence state of contacts designated as Friend.

Display screen icons

Table 19 on page 352 lists the display icons of the IP Deskphone.

Table 19: Display screen icons (Part 1 of 3)

Component	Icon
Call State	
On hook	
Incoming/Outgoing call (phone ringing)	
On the phone	
On hold	
Missed call	
Feature button icons	

Table 19: Display screen icons (Part 2 of 3)

Component	Icon
Do Not Disturb	
Call Forward	
Speed Dial list	
Send IM	
Instant Messaging	
New, Unread	
Read	
Replied to	
Inbox	
Incoming Call Answered	
Incoming Call Missed, New	

Table 19: Display screen icons (Part 3 of 3)

Component	Icon
Incoming Call Missed, Reviewed	
Presence	
Terminated	
Connected Inactive	
Unavailable Busy or Offline	
Active Available	
On the Phone	
Unknown	

Visual Alerter/Message Waiting Indicators

The red LED light at the top right of the IP Deskphone lights to indicate incoming calls or when a caller leaves you voice mail. The blue LED light at the top left of the IP Deskphone lights to indicate when you receive a new Instant Message or when unread Instant Messages are present in your Instant Message Inbox.

Table 20 on page 355 lists the visual indicator and the LED status.

Table 20: Visual Alerter/Message Waiting Indicator

LED	Visual indicator	LED status
Red LED	Voice mail left by caller	Steady red light until message is reviewed.
	Incoming call (phone ringing)	Fast blinking red light.
Blue LED	New Instant Message received	Steady blue light until message is reviewed.
	New Instant Message received when other unread Instant Messages are in the Inbox	Single flash and returns to steady blue light.
	Instant Message pop-up appears and a new Instant Message received	Steady blue light until the Instant Message is reviewed or you press the **Exit** context-sensitive soft key.

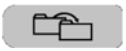
Quick reference

This section provides a quick reference guide for the Avaya 1140E IP Deskphone. See the following sections for more information:

- "Fixed keys" on page 381
- "Commonly used functions" on page 383
- "Context-sensitive soft keys" on page 385
- "Display screen icons" on page 390

Fixed keys

The Avaya 1140E IP Deskphone is available with either icon fixed keys or English text fixed keys. Both types are presented below.

Short-cut and navigation function keys	
	Copy information from the Address Book, Inbox, Outbox, and IM log and to Feature keys and Address Book entries.
	Access Search, Login, Logout, Check For Updates, Reset Phone, File Manager, Logging System, and Phone Information. Press twice quickly to access the Network menu.
	Quit or exit from a menu.
	Access your inbox to view all calls or missed calls and to return a call.

	Access your outbox to view all calls made and to place a call to a previously called contact.
	Access your address book to view, add or edit entries including your designated friends You can also send Instant Messages (IMs) or initiate a call.
	Use the Enter key to select highlighted menu items and to set preferences. The Enter key duplicates the function of the phone and select context-sensitive soft keys.
Telephone feature keys	
	Use to increase the volume of the handset, headphones, phone speaker (handsfree) and alerting volume (phone ringing).
	Use to decrease the volume of the handset, headphones, phone speaker (handsfree) and alerting volume (phone ringing).
	Use mute to listen to the call without transmitting. The red LED on the Mute key lights when the Mute feature is enabled.
	Activates the built in speaker and microphone. The red LED on the Handsfree key lights when the Handsfree feature is enabled.

	Use to release a call (hang up) and to exit a menu when not on an active call.
	Access Instant Message log to view and send IMs
	Activates your IP Deskphone headset when connected. The red LED of the Headset key lights when you use a headset.
	Use to place a call on hold or to retrieve a call on hold.

Note: The **abc/123** context-sensitive soft key toggles between alphabetic and numeric input. When the context-sensitive soft key label is **abc**, you can enter alphabetic text and when the context-sensitive soft ley label is **123**, you can enter numbers.

Commonly used functions

Procedures for the most commonly used functions are provided below.

Login

1. Enter your User ID and press the **Login** key.
2. Enter your password and press the **Next** key.
3. To permanently login, press the **Next** key.
   To login for a period of time, press the **Timed** key, enter the duration of your login, and press the **Next** key.

Logout

1. Press the **Services** hard key and then select **Logout**.
2. Press the **abc/123** context-sensitive soft key to toggle between alphabet and numeric input.
3. Press **Logout** context-sensitive key.

Making a call

- Lift the **Handset** or press the **Headset** key, **Handsfree** key or the **Line** key and enter the SIP address or phone number and press send. Or, press the **Redial** key to call the previously entered SIP address or phone number.
- Press the **Directory** hard key, select **Friends**, select an entry, press **Status**, and then press the **Call** key.
- Press the **Services** hard key, select **Search**, select an entry in the Address Book, and then press the **Call** key.Lift the **Handset** or press the **Headset** key, **Handsfree** key or the **Line** feature key and dial from the Address Book or Inbox/Outbox as follows:
  - 1. Press the **Address Book** or **Inbox** or **Outbox** key.
  - 2. Navigate to the required entry.
  - 3. Press the **Select** key to connect.

Answering a call

Perform one of the following to answer a call:

- Press the **Handsfree** key
- Press the **Headset** key
- Press the **Line** key
- Press the **Answer** key
- Pick up the **Handset**.

If you choose not to answer the call, you can press one of the following keys:

- **Redrct**—Redirects the call to another party or number.
- **Decline**—Rejects the call and provides the caller with fast busy and no option to go to voice mail. You can provide a reason for declining the call.

Ignore—Stops call ringing

Making an emergency call

To make an emergency call, logging on is not required. Choose one of the following options:

- Lift the **Handset** and dial the emergency number.
- Press the **Handsfree** key and dial the emergency number.
- Press the **Headset** key and dial the emergency number.

Initiating a conference call

1. During a call, press the **Conf** Context-sensitive soft key.
2. Enter the SIP address or phone number or select an entry from the Address Book, Inbox, or Outbox and complete the call.
3. Press the **Join** key, select **Conference** and press the **OK** key to create a conference call. You can continue to add more callers to the conference call by repeating the above steps.

Sending an Instant Message (IM)

Press the **Expand** key or press **Msgs > Instant Messaging** to access the Instant Messaging menu.

1. Press **New IM**.
2. Enter the address or do the following:
   - Press the **Address Book** key, **Inbox** key, or the **Outbox** key.
   - Use the navigation keys to scroll to the required entry.
   - Press the **Select** key.
3. Enter the message and press **Send IM**.

Context-sensitive soft keys

The following context-sensitive key menus are provided below:

- “Idle phone display” on page 385
- “Active call display” on page 388

Idle phone display

More… context-sensitive soft key menu (first)

More… context-sensitive soft key menu (second)

When you press the **More…** context-sensitive soft key for the third time, you return to the first menu list.

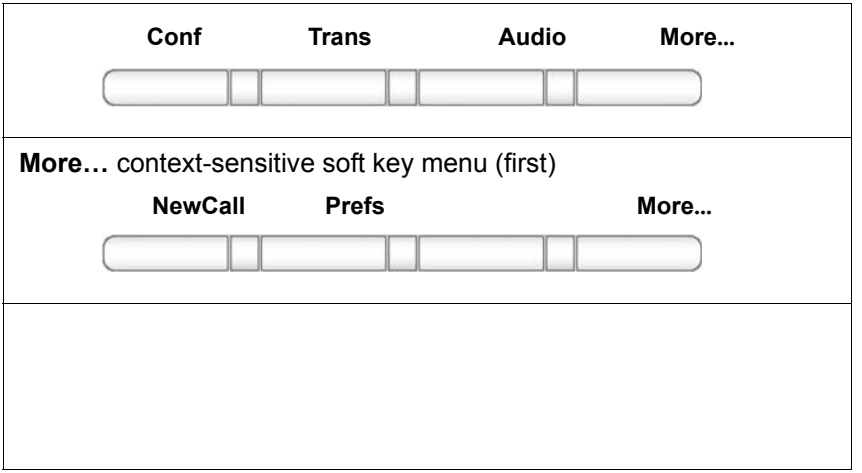
A description of the context-sensitive soft keys available with the phone is idle is provided below.

Redial or NewCall
Redial the last dialed number. • If there is no stored redial number, **NewCall** appears and has the same effect as pressing the primary user line key (dial prompt).
abc or 123
Toggle between alpha and numeric input modes. • To type letters, **abc** must be displayed. • To type numbers, press **abc** to display **123** on the menu list.
Msgs
Display the Messages menu. **1.Voice Mail**—Use to access your Voice Mail. The IP Deskphone connects to the server to retrieve your Voice Mail. **2. Instant Messaging**—Use to access your IM box. From the IM box you can: • View received Instant Messages • Delete Instant Messages • Send Instant Messages.

CallFwd
Forward all calls to a specified address.
DND
Block all calls.
Presnce
Configure the presence status for your IP Deskphone.
Prefs
Display the Preferences menu. **1. Display**—Adjust screen display settings. **2. Audio**—Adjust tones and volume settings, configure a USB headset, and access the Bluetooth wireless technology setup. **3. Feature Options**—Program feature keys, call decline reasons, call ignore actions, and call fwd notification. **4. Language**—Change language. **5. Misc Options**—Set alpha dialing, search method, privacy settings, # Ends dialing, location, and time. **6. Network**—Access Server Settings, Device Settings, Diagnostics and Lock. **7. USB Locks**—Enable or disable USB devices. **<Administrator only>** **8. User Settings**—Modify call settings, IM settings, voice mail setting, and remembering settings.

More
Select a new menu list. • When you press **More...**, a different selection of Context-sensitive soft keys appears. – Press once to switch to: **[CallFwd] [DND] [Presnce] [More..]**. – Press twice to switch to: **[Prefs] [ ] [ ] [More..]**. – Press three time to switch back to the main menu list: **[Redial] [abc] [Msgs] [More..]**.

Active call display



When you press the **More…** context-sensitive soft key for the second time, you return to the first menu list.

A description of the context-sensitive soft keys available with the phone is idle is provided below.

Conf	
Obtain a dial tone to place another call during an active call. • Use to make a conference call. • Behaves like the **NewCall** Context-sensitive soft key.	

Trnsfer	
• Transfer the current call to another location or contact.	

Audio
1. Change audio setting—Use to change the audio settings based on the available bandwidth. **2. Monitor audio quality**—Diagnostic tool to monitor the audio quality.

NewCall
Obtain a dial tone to place another call during an active call. • Use to make a conference call. • Behaves like the **Conf** Context-sensitive soft key.

Prefs
See “Idle phone display” on page 385.

More…
Select a new menu list. • When you press **More...**, a different selection of Context-sensitive soft keys appears. – Press once to switch to: **[NewCall] [Prefs [ ] [More..]**. – Press twice to switch back to the main menu list: **[Conf] [Trnsfer] [Audio] [More..]**.

Display screen icons

The table below provides a list of the following display screen icons:

- **Call state**—Icons to indicate the Call state of your phone.
- **Instant Messaging**—Icons displayed when you view your instant message log. The icon appears beside each IM to indicate the status.
- **Inbox—**Icons to indicate the status of each incoming calls in your Inbox.
- **Presence—**Icons to indicate the presence state of those address book entries you designate as Friend.

Call state	Icon
On hook	
On the phone	
On hold	
Call Forward	
Do Not Disturb	
Outgoing call, Incoming call (ringing)	
Missed call	
Instant messaging	**Icon**
New, unread	

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```
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```

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
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Terms you should know

3-way Call

The 3-way Call feature joins two calls on your IP Deskphone into one 3-way call. You and the other two callers can speak together.

Alphanumeric Dialing

Alphanumeric dialing refers to the spelling of names or words by entering alphabetic characters collocated with the numbers on the numeric dialpad of your Avaya 1140E IP Deskphone.

Call Decline

This is a feature that you can use to decline a call, which includes an option to send a reason for declining the call.

Call Forward

This is a feature that you can use to transfer incoming calls to a predefined telephone number or SIP address.

Call Server

This is the equipment operated by your service provider that manages the calls to and from your IP Deskphone.

Call Subject

This is a feature that you can use to send a message to the person you are contacting as they receive the call from you. A Call Subject appears on the display screen if the receiving telephone has a display screen and is capable of displaying Call Subjects.

Category 5 (Cat5)

This is a cable and its associated connecting hardware capable of transmitting at speeds up to 100 MHz used by 10BaseT, 100BaseT4, and100BaseTX.

Category 5e (Cat5e)

Most Cat5 cable manufactured after 1996 also supports 1000BaseT (GigE) installations, and is designated Cat 5e. Normally, Cat5e cable has four pairs of copper wire.

Category 6 (Cat6)

This is a cable and its associated connecting hardware capable of transmitting at speeds up to 200 MHz. Designed specifically to support 1000BaseT (GigE), this cable is also compatible with 10BaseT, 100BaseT4, and 100BaseTX installations. Normally, this cable normally has four pairs of copper wire.

Copy Key

This is a fixed key used to copy entries to your Address Book, Speed Dial Key, Send IM Key, and Call Forward key.

Date/Time display

The Avaya 1140E IP Deskphone shows the current date and time when the telephone is in an idle state.

Directory Number (DN)

This is a telephone number you enter to initiate a call, for example, (555) 555-5555.

Domain

This is the Internet Protocol address to which the IP Deskphone connects when you logon.

Do Not Disturb

This is a feature you activate to block all incoming calls.

Enter key

The center key of the Navigation Cluster key is used to select menu items and to confirm changes. The Enter key duplicates the function of the context-sensitive soft keys Select, and Set.

Expansion Module

The Expansion Module is a hardware accessory that connects to the IP Deskphone and provides additional line appearances and feature keys. A maximum of three modules are supported. The Avaya 1120E/1121E IP Deskphone and
Avaya 1140E IP Deskphone can have up to 54 additional line/ feature keys with three Expansion Modules.

Feature Status Indicator

This refer to an LCD or an LED signal that indicates a data message, contact, or feature status by a flash, wink, steady on, or off.

Fixed keys

These are the hard-labeled keys of the IP Deskphone that have a specific function.

Goodbye key

This is the fixed key used to end an active call or exit an active menu.

Handsfree key

This is the fixed key used to activate Handsfree.

Hold key

This is the fixed key used to place an active call on hold.

IM (Instant Message)

You can use IMs to send a text message to a specific user. The user must be logged on to receive the IM.

Indicator

This is an LCD or an LED signal that indicates the status of a feature by the flash, blink, steady on, or off.

Message/Inbox

This is a fixed key on your Avaya 1140E IP Deskphone that connects to your Call Inbox.

Multiple Appearance Directory Number (MADN)

When multiple phones are configured with a MADN Single Call Appearance (SCA), they appear as a single Directory Number (DN).

Mute

This is a fixed key used to listen to a call without transmitting.

Navigation keys

These are keys used to scroll through menus and lists that appear on the LCD display screen.

Off-Hook

The term *off-hook* is applied when (a) the end user lifts up the handset, (b) the end user presses a line key, (c) the call is automatically answered at the telephone, or (d) a line is automatically selected for an outgoing call.

Parked Call

This is an active call you park on the server or to another user that can be retrieved from another telephone.

Presence

This is a feature that you can use to set a presence state to be displayed to other users.

Quit key

This is a fixed key you use to exit an active menu.

Ringback/ring tone

This is a sound indicating that a call you make is ringing at its destination.

Shift/Outbox

This is a fixed key you can use to connect to your Call Outbox.

Session Initiation Protocol (SIP)

Session Initiation Protocol is an telephony signaling protocol for initiating interactive communication sessions between users.

SIP Address

This is an IP address that is assigned to a user, such as bob@ABC123.com that is used to send IMs and to initiate calls.

Context-sensitive soft keys

This is a set of four programmed keys directly beneath the display area. You use these keys to access and select menu items.

Speed Dial

A user-defined feature key that you press to dial a preprogrammed SIP address or telephone number.

User interface

This consists of screen displays that interact with the end user as a result of an action or event.

User Profile

Your User Profile that contains your specific settings and data saved and available when you log on to the IP Deskphone.

Visual Alerter/Message Waiting indicator

This is an LCD or an LED signal that flashes to indicate that a message is waiting or when the ringer is on.

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